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## GENUINE REDUCTIONS GOODS

### SHOPFITTINGS FOR CHEMISTS

#### WALL CASES

|   | USUAL PRICE | SALE PRICE |
|---|-------------|------------|
| 12 ft. Mahogany Piano Wallcase ...                            | £25 0 0     | £23 5 0    |
| 5 ft. do. do. do. ...   | 12 17 6     | 9 15 0     |
| 10 ft. do. Wallcase with Recess                               | 15 10 0     | 13 5 0     |
| 7 ft. do. do. do. do.   | 10 5 0      | 9 2 6      |
| 8 ft. do. do. do. do.   | 12 10 0     | 10 10 0    |
| 4 ft. do. do. do. do.   | 7 10 0      | 6 0 0      |
| 3 ft. do. do. do. do.   | 6 0 0       | 5 0 0      |
| 12 ft. 6 in. Mahogany and Plate<br>Glass Wallcase with Recess | 26 10 0     | 20 0 0     |
| 11 ft. do. do.  | 21 10 0     | 12 15 0    |
| 10 ft. Photographic Wallcase<br>(Mahogany and Plate Glass)    | 15 10 0     | 12 15 0    |

#### COUNTERS

|   |         |         |
|---|---------|---------|
| 12 ft. Mahogany, with Plate Glass<br>Cases in front | £10 5 0 | £8 10 0 |
| 10 ft. do. do.                                      | 8 10 0  | 7 10 0  |
| 9 ft. do. do.                                       | 7 15 0  | 6 10 0  |
| 8 ft. do. do.                                       | 6 17 6  | 6 0 0   |
| 7 ft. do. do.                                       | 6 0 0   | 5 5 0   |
| 6 ft. do. do.                                       | 5 2 6   | 4 5 0   |
| 5 ft. do. do.                                       | 4 5 0   | 3 10 0  |

#### SPONGE CASES

|                                       |         |         |
|---------------------------------------|---------|---------|
| All-Glass Case on Feet, "A fine case" | £8 10 0 | £6 15 0 |
| Marble Top do.                        | 6 5 0   | 4 10 0  |

#### SILENT SALESMEN

|   | USUAL PRICE | SALE PRICE |
|---|-------------|------------|
| 6 ft. 6 in. by 2 ft. by 2 ft., all Plate<br>Glass and 3 Shelves | £10 10 0    | £9 10 0    |
| 6 ft. 6 in. by 2 ft. 6 in. by 1 ft. 6 in.<br>ditto              | 11 10 0     | 10 0 0     |
| 3 ft. 6 in. by 2 ft. by 2 ft., 2 shelves                        | 6 10 0      | 5 5 0      |
| 2 ft. 8 in. by 1 ft. 9 in. by 1 ft. 3 in.                       | 3 17 6      | 3 3 0      |

#### DISPENSING SCREENS

|                                      |          |          |
|--------------------------------------|----------|----------|
| 7 ft. very handsome with Sponge Case | £16 10 0 | £13 12 0 |
| 6 ft. with large Mirror Centre ...   | 18 10 0  | 15 10 0  |
| 6 ft. all Plate Glass and Mahogany   | 15 10 0  | 11 10 0  |

#### COUNTER CASES

|  |         |        |
|--|---------|--------|
| 8 ft. long, Bent Plate Glass and<br>Mahogany | £7 10 0 | £6 5 0 |
| 6 ft. do. do.                                | 5 10 0  | 4 10 0 |
| 4 ft. do. do.                                | 4 4 0   | 3 7 0  |

#### PERFUME CASES

|   |        |        |
|---|--------|--------|
| 27 in. long with Desk at Back ...                         | 3 10 0 | £2 5 0 |
| 24 in. long ditto, Mirror Back and<br>Plate Glass Shelves | 4 4 0  | 3 3 0  |
| 22 in. long do. do.                                       | 3 3 0  | 2 15 0 |
| 22 in. long by 27 in. high with<br>Wood Shelves           | 2 10 0 | 2 0 0  |

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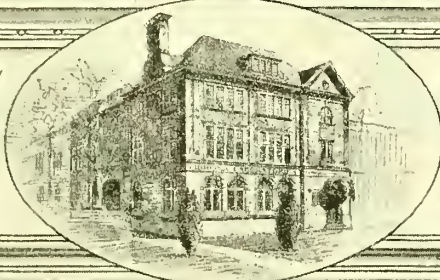
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*Full particulars will appear in next week's issue.*



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| <b>Artificial Limbs</b><br>L. Ltd. | <b>Artificial Limbs</b><br>L. Ltd.  | <b>Baths</b><br>Fullwood, R. J., & Bland<br>Oldfield, Pattinson & Co.  | <b>Chamomile Oil</b><br>Allen, Stafford, & Sons, Ltd.  | <b>Condensers</b><br>Bennett, Sons & Shears, Ltd.   | <b>Dental Mechanics</b><br>Fentiman, A. G.<br>Fentiman, A. J., & Co.<br>Halter, E. C.<br>Templar Malins, Ltd.<br>Wardale, F. C., & Co.   |
| <b>Artificial Limbs</b><br>L. Ltd. | <b>Artificial Limbs</b><br>L. Ltd.  | <b>Baths</b><br>Fullwood, R. J., & Bland<br>Oldfield, Pattinson & Co.  | <b>Chemical Plant</b><br>Forsbaker & Son, Ltd.   | <b>Confectionery, Medicated</b><br>Guest, Thos., & Co.<br>Pascall, James, Ltd.<br>Bresillon, M., & Co.<br>Roberts & Co.<br>Wilcox, Jozau & Co.  | <b>Dental Tools, &amp;c.</b><br>Edwards Dental Mfg. Co., Ltd.  |
| <b>Artificial Limbs</b><br>L. Ltd. | <b>Artificial Limbs</b><br>L. Ltd.  | <b>Baths</b><br>Fullwood, R. J., & Bland<br>Oldfield, Pattinson & Co.  | <b>Chamomile Oil</b><br>Allen, Stafford, & Sons, Ltd.  | <b>Continental Props.</b><br>Bresillon, M., & Co.<br>Roberts & Co.<br>Wilcox, Jozau & Co.   | <b>Developers (Photo.)</b><br>Evans Sons Lescher & Webb<br>Johnson & Sons (Mfg. Chnts.)  |
| <b>Artificial Limbs</b><br>L. Ltd. | <b>Artificial Limbs</b><br>L. Ltd.  | <b>Baths</b><br>Fullwood, R. J., & Bland<br>Oldfield, Pattinson & Co.  | <b>Chamomile Oil</b><br>Allen, Stafford, & Sons, Ltd.  | <b>Copper Smiths</b><br>Brathwaite, H., & Co.   | <b>Identifiers</b><br>Beecham, J.<br>Reisford, P., & Co.<br>Bell (John), Hills & Lucas, Ltd.<br>Berton, Arthur, Ltd.<br>Blackie, Robert<br>Christy, T., & Co.<br>Cox, Arthur H., & Co., Ltd.<br>Euclry, Ltd.<br>Gosnell, John, & Co., Ltd.<br>Kilgus, inc.<br>McKesson & Robbins<br>Maw, S., Son & Sons<br>Odol Chemical Works<br>Parke, Davis & Co.<br>Standard Tablets & Pill Co., Ltd.<br>Woolley, J., Sons & Co., Ltd. |



- Dextrin**  
Fink, F., & Co.
- Diabetic Foods**  
Therapeutic Foods Co.  
Van Albright, G., & Sons
- Diamidophenol-Hydrochlor.**  
Greiff, R. W., & Co.
- Disinfectants**  
Baiss Bros. & Stevenson, Ltd.  
Burzorne, Burdicks & Co.  
Burt, Boulton & Haywood, Ltd.  
Condy & Mitchell, Ltd.  
Cook, E., & Co., Ltd.  
Ellison, Henry, Ltd.  
Harker, Stagg & Morgan, Ltd.  
Jeyes' Sanitary Comps. Ltd.  
Sanitas Co., Ltd.  
Stevenson, H. E., & Co.  
Willows, Francis, B. & T., Ltd.  
Wright, Layman & Unney, Ltd.
- Digestive Products**  
Fairchild Bros. & Foster
- Dimethylamino-antipyrin**  
Lane-Hall, R., & Co.
- Druggists Sundries**  
Ayrton, Saunders & Co., Ltd.  
Baiss Bros. & Stevenson, Ltd.  
Berton, Arthur, Ltd.  
Brook, Parker & Co., Ltd.  
Brystele Manf. Co.  
Bnzze, Warren & Ridgley, Ltd.  
Burkoyne, Burdicks & Co.  
Bush, H. W., & Co., Ltd.  
Edwards, W., & Son  
EvansSonsLescher & Webb, Ltd.  
Heymans, René F.  
Hovenden, R., & Sons, Ltd.  
Hungerford, H. & Sons, Ltd.  
Maw, S., Son & Sons  
May, Roberts & Co., Ltd.  
Newbery, F., & Sons, Ltd.  
Quelch, H. C., & Co.  
Sangers  
Schutze, F., & Co., Ltd.  
Solport Bros.  
Southall Bros. & Barclay, Ltd.  
Swales, Thomas  
Toogood, W., & Co., Ltd.  
Wattenbach, O.  
Woolley, J., Sons & Co., Ltd.
- Drugs, Crude**  
Brinkett, Sharp & Co.  
Gathergood's Exor.  
Goodall, Backhouse & Co.  
Lambert, Saml., & Co.  
Potter & Clarke, Ltd.  
Raines & Co.
- Earthenware Jars, &c.**  
Fulham Pottery and Cheavin  
Pier Co., Ltd.
- Eau de Cologne**  
Bronley, H., & Co., Ltd.  
Christy, Thos., & Co.  
Erasme Co., Ltd.  
Gosnell, John, & Co., Ltd.  
Lescoll Perfumery Co.  
Maw, S., Son & Sons  
May, Roberts & Co., Ltd.  
sangers  
Schutze, F., & Co., Ltd.  
Vinolia Co., Ltd.  
Vardley & Co., Ltd.
- Educational Institutions**  
Rath & West of England College  
Birmingham and Midland  
College  
British Optical Institute  
City of London College  
College of Preceptors  
ELT's College  
Liverpool School of Pharmacy  
London College of Pharmacy  
North of England School  
Northern College of Pharmacy  
School of Pharmacy  
Westminster College
- Elastic Sessory**  
Ayrton, Saunders & Co., Ltd.  
Burge, Warren & Ridgley, Ltd.  
Haywood, J. H., Ltd.  
Maw, S., Son & Sons  
Wood, Vincent
- Electrical Novelties**  
Ward & Goldstone  
Wright, Archd. J., Ltd.
- Emery and Cloth**  
Oakley, J., & Sons, Ltd.
- Emetine Salts**  
Carnegie Bros.  
Macfarlan, J. F., & Co.  
Whiffen & Sons, Ltd.
- Emulsifiers**  
Rennett, Sons & Shears, Ltd.  
Wilkinson, S. W., & Co.
- Emulsions, C.L.O., &c.**  
Arnfield, J. C., & Sons, Ltd.  
Ayrton, Saunders & Co., Ltd.  
Baiss Bros. & Stevenson, Ltd.  
Blackie, Robert  
Browning, Wm., & Co.  
Cupal, Ltd.  
Paulding, F. H., & Co.  
Parke, Davis & Co.  
Scott & Bowne, Ltd.  
Stevenson, H. E., & Co.  
Wyleys, Ltd.
- Enamelled Hospital Requisites**  
Orme, Evans & Co., Ltd.
- Endolytic Tubes**  
Fletcher Fletcher & Co., Ltd.
- Enemas**  
Barke, Warren & Ridgley, Ltd.  
Ingram, J. G., & Sons  
Maw, S., Son & Sons  
Warne, W., & Co., Ltd.
- Engraving**  
Suttley & Silverlock, Ltd.
- Epsom Salts**  
Howards & Sons, Ltd.  
May & Baker, Ltd.
- Essences, Sol. and Fruit**  
Alliance Drug & Chem. Co.  
Barnett & Foster  
Boake Roberts & Co., Ltd.  
Bush, W. J., & Co., Ltd.  
May, Wm., & Co.  
London Essence Co.  
Stevenson & Howell, Ltd.
- Ethers**  
Baiss Bros. & Stevenson, Ltd.  
Duncan, Flockhart & Co.  
Howards & Sons, Ltd.  
Macfarlan, J. F., & Co.  
May & Baker, Ltd.  
Tyer, T., & Co., Ltd.  
White, A., & Sons
- Eucalyptus Oil**  
Allan, A. E.  
British Drug Houses, Ltd., The  
Stevenson, H. E., & Co.  
Tasmanian Eucalyptus Oil Co.
- Evaporators**  
Forshaw, E., & Son, Ltd.
- Extract of Herbs**  
Newball & Mason  
Potter & Clarke, Ltd.
- Extracts (Medicinal)**  
Allen, Stafford, & Sons, Ltd.  
Arnfield, J. C., & Sons, Ltd.  
Burroughs Wellcome & Co.  
EvansSonsLescher & Webb, Ltd.  
Gathergood's Exor.  
Hewlett, C. J., & Son, Ltd.  
Parke, Davis & Co.  
Ransom, W., & Son, Ltd.
- Factory, &c., Sites**  
Great Western Railway
- Feeding Bottles**  
Bush, H. W., & Co., Ltd.  
Maw, S., Son & Sons  
Samson, Henry  
Schutze, F., & Co., Ltd.
- Filling Machines**  
Forshaw, E., & Son, Ltd.  
Robert's Pat. Filling Mach. Co.
- Finger Stalls**  
Solport Bros.
- Flycatchers**  
Ford, Shapland & Co.  
Kay Bros., Ltd.  
Smith, Jno. H., & Co.  
Tunbridge & Wright
- Foods, Invalid, &c.**  
Allen & Hanburys, Ltd.  
Bull (John), Ellis & Lucas, Ltd.  
Renner's Food, Ltd.  
Brand & Co., Ltd.  
British Casein Co. (1911), Ltd.  
British Milk Products Co., Ltd.  
Deans, Logan & Co., Ltd.  
Fairchild Bros. & Foster  
Frame Food Co.  
Harker, Stagg & Morgan, Ltd.  
Lorimer, John  
Lothhouse & Saltmer, Ltd.  
Mellins Food, Ltd.  
Natural Food Co., Ltd.  
Plasmon, Ltd.  
Reade Bros. & Co., Ltd.  
Ridge's Royal Food Mills  
Sister Laura's Infant Food Co.  
Southall Bros. & Barclay, Ltd.  
Wander, A., Ltd.  
Willows, Francis, B. & T., Ltd.  
Woolley, Jas., Sons & Co., Ltd.  
Wynne, A., & Co.
- Foot Appliances**  
Scholl Mfg. Co., Ltd.
- Fruit Drink**  
McGlashan, D.
- Fuller's Earth**  
Mumford, G. S., & Sons
- Fumigators**  
Sanitas Co., Ltd.  
Seahury & Johnson
- Glycerin**  
Price's Patent Candle Co., Ltd.
- Glycerophosphates**  
Monsanto Chemical Works  
Reitmeyer & Co.
- Grease Paints**  
Quelch, Henry C., & Co.
- Grease Remover**  
Perkin & Co., Ltd.
- Grinders, Drug, &c.**  
Allen, Stafford, & Sons, Ltd.  
Goodall, Backhouse & Co.  
Willows, Francis, B. & T., Ltd.
- Gripe Water**  
Woodward, W., Ltd.
- Gums**  
Fink, F., & Co.  
Kidston, W. M., & Co.  
Lambert Saml., & Co.
- Hair Dyes**  
Harker, O. R., Stagg & Morgan  
Blackie, Robert
- Hair Preparations**  
Alexandre, L.  
Anzora Perfumery Co.  
Blackie, Robert  
Edwards' "Harlene" Co.  
Harrison, G. W.  
Osborne, Garrett & Co.  
Robare's Aurcoline  
Sangers  
Tokalon Ltd.
- Hand Carts, Trucks, &c.**  
Crewe & Co.
- Hat Cleaners**  
Senior, Alf., & Co.
- Hat Dyes**  
Whitaker & Co.
- Heating Appliances**  
Kyrton Heat-Giver
- Herbs**  
Potter & Clarke, Ltd.  
Salle, H., & Co.
- Hexamethylen-tetramine**  
Reitmeyer & Co.
- Homeopathic Medicines**  
Ashton & Parsons, Ltd.  
Keene & Ashwell, Ltd.  
Leath & Ross
- Honey**  
Western Honey Co.
- Horse Remedies**  
Harvey & Co. (Dublin), Ltd.
- Hospital Furniture**  
Gray & Schell
- Hospital Ware (Semi-porcelain)**  
Meinecke & Co.
- Hot Air Douches**  
Ward & Goldstone
- Hotels**  
Kingsley Hotel  
Thackeray Hotel
- Hot Water Bottles**  
Berton, Arthur, Ltd.  
Burge, Warren & Ridgley, Ltd.  
Fulham Pottery & Cheavin  
Filter Co., Ltd.  
Galen Manf. Co., Ltd.  
Ingram, J. G., & Son  
Maw, S., Son & Sons  
Schutze, F., & Co., Ltd.  
Tompkins, J., Ltd.  
Toogood, William, Ltd.  
Warne, Wm., & Co., Ltd.  
Wood, Vincent
- Hydrogen Peroxide**  
May & Baker, Ltd.
- Hydrogen Peroxide**  
May & Baker, Ltd.
- Hydrokinone**  
Johnson & Sons (Mnfg. Chts.)
- Hypophosphites**  
May & Baker, Ltd.  
Tyer, T., & Co., Ltd.
- Infusions, Concentrated**  
Arnfield, J. C., & Sons, Ltd.
- Inhalers**  
Hertz & Co.
- Ink Dichroic**  
Bewley & Draper, Ltd.
- Ink Powder**  
Wehls, & Co.
- Insecticides**  
Christy, T., & Co.  
Cook, E., & Co., Ltd.
- Insect Powder**  
Keating, Thomas  
Potter & Clarke, Ltd.  
Raines & Co.
- Iodides**  
Raines, Clark & Co., Ltd.
- Linolines**  
Hillierest Oil Co., Ltd.  
Howard Lloyd & Co., Ltd.
- Lard**  
Ewen, J., & Sons
- Lavender Oil**  
Allen, Stafford, & Sons, Ltd.  
Guillevie, E., & Co.  
Ransom, W., & Son, Ltd.
- Leavender Water**  
Bush, W. J., & Co., Ltd.  
Gosnell, John, & Co., Ltd.  
Vinolia Co., Ltd.  
Yardley & Co., Ltd.
- Algators**  
Seahury & Johnson
- Lime Juice and Cordial**  
EvansSonsLescher & Webb, Ltd.  
Goodall, Backhouse & Co.  
Idrie & Co.
- Linseed, Crushed**  
Mumford, G. S., & Sons
- Lints**  
Liverpool Lint Co.  
Maw, S., Son & Sons  
Robinson & Sons, Ltd.  
Vernon & Co., Ltd.
- Liquorice Juice**  
Apollo  
Boehm, F., Ltd.  
EvansSonsLescher & Webb, Ltd.  
Jackson, Ernest, & Co.  
Solazzi
- Lithia Salts**  
British Drug Houses, Ltd., The  
Howards & Sons, Ltd.  
Macfarlan, J. F., & Co.  
May & Baker, Ltd.
- Loofahs**  
Hall Forster & Co., Ltd.  
Internl. Sponge Importers, Ltd.  
Swales, Thomas
- Lozenges**  
Cartwright, W. B., Ltd.  
Denoual, Jules, & Co.  
Guest, Thos., & Co.  
Johnson, Ernest, & Co.  
Potter & Clarke, Ltd.  
Raines & Co.  
Warwick Bros., Ltd.
- Machinery, Pharmacal**  
Allen & Hanburys, Ltd.  
Bennett, Sons & Shears, Ltd.  
Forgrove Machinery Co., Ltd.  
Forshaw, E., & Son, Ltd.  
Gardner, Wm., & Sons, Ltd.  
Griffin, John J., & Sons, Ltd.  
Pindar, J. W., & Co.  
Stokes, F. J., Machine Co.  
Thompson & Capper, Ltd.  
Wilkinson, S. W., & Co.
- Magnesia and Preps.**  
Allen & Hanburys, Ltd.  
Ayrton, Saunders & Co., Ltd.  
Cox, Arthur H., & Co., Ltd.  
Henry, T. & W.  
Howards & Sons, Ltd.  
Phillips, Chas. H., Chem. Co.  
Tokalon Ltd.  
Washington Chemical Co., Ltd.  
Wiglesworth & Co.
- Malt Extract and Preps.**  
Allen & Hanburys, Ltd.  
Blackie, Robert  
British Drug Houses, Ltd., The  
Burroughs Wellcome & Co.  
Calder, James, & Co., Ltd.  
Corbyn, Stacey & Co., Ltd.  
Davies, Sons & Co.  
EvansSonsLescher & Webb, Ltd.  
Fletcher, Fletcher & Co., Ltd.  
Lorimer Marshall, Ltd.  
May, Roberts & Co., Ltd.  
Paine & Co., Ltd.  
Pascall, James, Ltd.  
Wyleys, Ltd.
- Marking Ink**  
John Bond ("Crystal Palace")
- Measures, Graduated**  
Bush, H. W., & Co., Ltd.
- Meat Extracts**  
Armour & Co., Ltd.  
Borill, Ltd.  
Brand & Co., Ltd.  
Tooth's Extract of Meat Co.
- Medical Coils**  
Ward & Goldstone
- Menthol**  
Carnegie Bros.
- Mercurials**  
Alliance Drug & Chemical Co.  
Howards & Sons, Ltd.  
May & Baker, Ltd.  
Tyer, T., & Co., Ltd.
- Metal Clips**  
Griffin, John J., & Sons, Ltd.
- Methylarsenates**  
Roques, Ferdinand
- Methylated Spirit**  
Burrough, J., Ltd.  
Prest's Liverpool Distillery  
Randall & Son, Ltd. (Co., Ltd.)  
Riddell & Smith  
Thornley, Samuel, Ltd.
- Metric Weights**  
Avery, W. & T., Ltd.
- Mineral Waters**  
Camwall, Ltd.  
Fink, F., & Co.  
Ingram & Forrie, Ltd.
- Mixers and Sifters**  
Gardner, Wm. & Sons (Glos.), Ltd.  
Mustard Seed Oil  
Johnson, J. H. & S.
- Naphthalene**  
Burt, Boulton & Haywood, Ltd.
- Night Lights**  
Price's Patent Candle Co., Ltd.
- Oils, Essential**  
Allen, Stafford, & Sons, Ltd.  
Alliance Drug & Chemical Co.  
Boake Roberts & Co., Ltd.  
Boehm, F., Ltd.  
Bonaventura, F., & Co.  
Bush, W. J., & Co., Ltd.  
Dodge & Olcott Co.  
EvansSonsLescher & Webb, Ltd.  
Guillevie, E., & Co.  
Lambert, Saml., & Co.  
Lane Hall, R., & Co.  
Lescoll Perfumery Co.  
Lueders, George, & Co.  
Poppelreuter, W.  
Ransom, W., & Son, Ltd.  
Stevenson & Howell, Ltd.  
Vernon Chemical Co. (Ld.)  
Wright, Layman & Unney, Ltd.
- Oils, Mineral, Fatty, &c.**  
Allen, Stafford, & Sons, Ltd.  
Boehm, F., Ltd.  
Hertz & Co.  
Price's Patent Candle Co., Ltd.  
Stern sonneborn Oil Co., Ltd.
- Ointments**  
Blackie, Robert  
Burgess, E.  
Oldfield, Pattinson & Co.  
Peat Products (Sph.) Ltd.  
Raines, Clark & Co., Ltd.
- Olive Oil**  
Ferrer, J., & Co.  
Guillevie, E., & Co.
- Olive Oil Soap**  
Boehm, F., Ltd.
- Optical Goods**  
Darton, F., & Co.  
Maw, S., Son & Sons  
Nitsche & Gunther Optical Co., Ltd.  
Standard Optical Co.  
Optics & Tition  
British Optical Institute  
College of Optics  
Spectacle Makers Company
- Orange and Quinine Wine**  
Idrie & Co.  
Miller, A., & Co., Ltd.  
Robinson, B., & Co., Ltd.
- Organic Solvents**  
Hopkin & Williams, Ltd.
- Organo-Therapeutic Preps.**  
Armour & Co., Ltd.  
British Organotherapy Co., Ltd.  
Duncan, Flockhart & Co.  
Otto Rose (French)  
Guillevie, E., & Co.
- Otto Rose (Synth.)**  
Bush, W. J., & Co., Ltd.  
Guillevie, E., & Co.  
Kerfoot, Thos., & Co.  
Stevenson & Howell, Ltd.  
Warwick Bros., Ltd.  
Wright, Layman & Unney, Ltd.
- Oxygen Baths**  
Wright & Co.
- Packed Goods**  
Allen & Hanburys, Ltd.  
Baiss Bros. & Stevenson, Ltd.  
Blackie, Robert  
British Drug Houses, Ltd., The  
Cartwright, W. B., Ltd.  
Corbyn, Stacey & Co., Ltd.  
Cox, Arthur H., & Co., Ltd.  
Christy, Thos., & Co.  
Cupal, Ltd.  
Davies, Sons, & Co.  
EvansSonsLescher & Webb, Ltd.  
Goodall, Backhouse & Co.  
Harker, C. R., Stagg & Morgan  
Lothhouse & Saltmer, Ltd.  
Pye, Roberts & Co., Ltd.  
Oldfield, Patrick & Co.  
Potter & Clarke, Ltd.  
Sangers  
Shirley Bros., Ltd.  
Southall Bros. & Barclay, Ltd.  
Standard Tablet & Pill Co., Ltd.  
Toogood, W., Ltd.
- Palatinols**  
Oppenheimer, Son & Co., Ltd.
- Paper Containers**  
Cream Mugs, Ltd.
- Paper Handkerchiefs**  
Toinoco Handkerchief Co., Ltd.
- Paraminum Liquidum**  
Browning, Wm., & Co.  
Chesbrough Mfg. Co.  
Stern sonneborn Oil Co., Ltd.
- Pastilles**  
Allen & Hanburys, Ltd.  
Burroughs Wellcome & Co.  
EvansSonsLescher & Webb  
Guest, Thos., & Co.  
Kerfoot, Thomas, & Co.  
Wander, A., Ltd.  
Warwick Bros., Ltd.
- Patent Agents**  
Barker, R. W.  
Castle Laboratory  
Christy, T., & Co.  
Cockle, James, & Co.  
Coleman & Co., Ltd.  
Corbyn, Stacey & Co.  
Crimson Cross Disp.  
Cupal, Ltd.  
Davis, Ltd.  
Davenport, J. T., Ltd.  
Debern, Ltd.  
Deaton, Ltd.  
De Roos, Johnson J.  
Duncan, Flockhart & Co.  
Edwards, W., & Son  
EvansSonsLescher  
Exporco Mfg. Co.  
Fellows' Med. M.  
Fennings, Alfred.  
Ferreis & Co., Ltd.  
Fullford, C. E., Ltd.  
Goodall, Backhouse & Co.  
Harrison, Geo. W.  
Henry, T. (Dr.)  
Hommel's (Dr.)  
Johnson Laboratory  
Kay Bros., Ltd.  
Kutnow, S., & Co.  
Kyo Proprietary  
Loudon Proprietary  
Mandall & Co., Ltd.  
Martindale, W.  
May, Roberts & Co.  
Midland Drug Co.  
Mumford, G. S., & Sons  
Morran, James, & Co.  
Newbery, F., & Son  
Odol Chemical W.  
Old Port Chemical  
Oppenheimer, Son  
Oxbridge & Sons  
Peat Products (Sph.)  
Phillips, Chas. H., & Co.  
Pneumosan Comp.  
Primer, J.  
Reynold Chemicals  
Santalak, Ltd.  
Sangers  
Scott & Bowne, Ltd.  
Squire & Sons, Ltd.  
Standard Tablet & Pill Co.  
Thompson & Capper  
Tokalon Ltd.  
Tunbridge & Wright  
Wander, A., Ltd.  
Wright, Layman & Unney, Ltd.  
White, J. A., Ltd.  
Willeco, Jozean & Woodward, W. L.  
Wright & Co.  
Wright, Layman & Unney, Ltd.
- Perles**  
Tye, John, & Son
- Pessaries (Soluble)**  
Burge, Warren & Ridgley, Ltd.  
Remell, W.
- Petroleum Jelly**  
Chesbrough Manf. Co.  
Kidston, W. M., & Co.  
Meade-King, Robinson & Co.  
Stern sonneborn Oil Co., Ltd.
- Phenacetin**  
Greiff, R. W., & Co.  
Read, Holliday & Sons, Ltd.  
Reitmeyer & Co.
- Phosphorus and Preps.**  
May & Baker, Ltd.
- Photo. Chemicals**  
Greiff, R. W., & Co.  
Johnson & Sons (Manufactg. Chemists), Ltd.  
Lane-Hall, R., & Co.  
Reitmeyer & Co.
- Photo. Co.**  
Ayrton, San. ad.  
Burroughs Wellcon  
Butcher, W., & Son  
EvansSonsLescher  
Kent, G. B., & Sons,  
Lenn, Ltd.  
May, Roberts & Co.  
Newbery, F., & Son  
Rajar, Ltd.  
Sangers  
Wright, Layman & Unney, Ltd.
- Photo. Post**  
Rajar, Ltd.
- Pill Mak**  
Cox, A. H., & Co., Ltd.  
Davies, Sons & Co.  
Howard Lloyd & Co.  
McKesson & Robins  
Standard Tablet & Pill  
Wand Manufactur.
- Pilocarp**  
Roques, Ferdinand
- Plaster**  
Alcock Manufact.  
Almas, A. G. St.  
Galen Manufact.  
Seabury & Johnson
- Plate Pow**  
Griffiths, T. D., & Co.
- Pleated P**  
Darter, Wilkinson J.
- Pocket La**  
Ward & Goldstone
- Polishes (V)**  
Bradley & Bourda  
Oakley, J., & Sons, Ltd.
- Postal Bo**  
Hertz & Co.  
Robinson & Sons, Ltd.
- Potassiu**  
Heymann, Harry
- Pernanga**  
Ward & Goldstone
- Powder P**  
Lorimer, Marshall  
Papier Poult, Ltd.
- Printer**  
Ford, Shapland & Co.  
Suttley & Silverlock  
Townsend, J., & Son  
Walde, T., & Sons  
Wilkinson, James I.
- Propriet**  
Angier Chemical Co.  
Anglo-Amer. Pharm.  
Ashton & Parsons.  
Reecham T.  
Reghe & Chiappetta  
Reid (John), Hills & Bishop.  
Alfred, Ltd.  
Reus's Liniment, Ltd.  
Restillon, M., & Co.  
Ristoll-Myers Co.  
Rrowning, W., & Co.  
Hurses, F. W.  
Castle Laboratory  
Christy, T., & Co.  
Cockle, James, & Co.  
Coleman & Co., Ltd.  
Corbyn, Stacey & Co.  
Crimson Cross Disp.  
Cupal, Ltd.  
Davis, Ltd.  
Davenport, J. T., Ltd.  
Debern, Ltd.  
Deaton, Ltd.  
De Roos, Johnson J.  
Duncan, Flockhart & Co.  
Edwards, W., & Son  
EvansSonsLescher  
Exporco Mfg. Co.  
Fellows' Med. M.  
Fennings, Alfred.  
Ferreis & Co., Ltd.  
Fullford, C. E., Ltd.  
Goodall, Backhouse & Co.  
Harrison, Geo. W.  
Henry, T. (Dr.)  
Hommel's (Dr.)  
Johnson Laboratory  
Kay Bros., Ltd.  
Kutnow, S., & Co.  
Kyo Proprietary  
Loudon Proprietary  
Mandall & Co., Ltd.  
Martindale, W.  
May, Roberts & Co.  
Midland Drug Co.  
Mumford, G. S., & Sons  
Morran, James, & Co.  
Newbery, F., & Son  
Odol Chemical W.  
Old Port Chemical  
Oppenheimer, Son  
Oxbridge & Sons  
Peat Products (Sph.)  
Phillips, Chas. H., & Co.  
Pneumosan Comp.  
Primer, J.  
Reynold Chemicals  
Santalak, Ltd.  
Sangers  
Scott & Bowne, Ltd.  
Squire & Sons, Ltd.  
Standard Tablet & Pill Co.  
Thompson & Capper  
Tokalon Ltd.  
Tunbridge & Wright  
Wander, A., Ltd.  
Wright, Layman & Unney, Ltd.  
White, J. A., Ltd.  
Willeco, Jozean & Woodward, W. L.  
Wright & Co.  
Wright, Layman & Unney, Ltd.
- Puff**  
Schutze, F., & Co., Ltd.  
Solport Bros.
- Pyrogall**  
Greiff, R. W., & Co.



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Hartley, Thomas  
Harrison, G. W.  
Hawker, Arthur E.  
London Hygienic Chem. Co.  
Milner's Chemical Co.

**Veterinary Instruments**  
Mason Bros. & Chapman  
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Cataline Co.  
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Cray & Sons (Cay)  
Dennis, John W.  
Edwards, W., & Son  
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Tomlinson & Hayward, Ltd.  
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**Vinegar**  
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**Vulcanite Goods**  
Kemp's Vulcanising Co., Ltd.

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Warne, Wm., & Co., Ltd.

**Water Glass**  
Tomlinson & Hayward, Ltd.

**Water Still**  
Brown & Sons  
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**Waters, Concentrated**  
Robinson, B., & Co., Ltd.

**Waxes**  
Boehm F., Ltd.  
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Fletcher, Fletcher & Co., Ltd.  
Holborn, Joseph, & Son  
Iris & Co., Ltd.  
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BODY BELTS THAT  
**WILL NOT  
WRINKLE or SLIP.**

Supersede Flannel or Woven Belts.



S.S. "Field Service"  
**BODY BELT**  
(With Leather Safety Pockets).

Made of natural colour  
Flannel, lined. Stiffened  
with Whalebone.

(Sizes 30 to 40 in.)

*Price each 1/7*

THE "OFFICER'S"  
**BODY BELT**

Similar to the above, but  
of Better Quality. Made  
of best Felt, lined Flannel.

*Price each 2/6*

**NOW**  
**or NEVER.**

The Chemist is the natural  
source of supply for these  
—*Don't* let other trades get  
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Show them in your Window.

An enormous demand exists.

Both NAVAL and MILITARY  
MEN appreciate these Belts.

War time makes renewals frequent.

*Scingars*

258 EUSTON RD.,  
LONDON.





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R.W. Greeff & Co.,  
have pleasure in offering the  
following Products manufactured in  
FRANCE, UNITED STATES, HOLLAND  
AND SWITZERLAND,  
at prices which will be found  
reasonable under present conditions.

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| Acetanilid                        | Lithol (Ichthyol sub.)       |
| Aceryl Salicylic Acid"            | Mercurials                   |
| Benzoic Acid ex toluol            | Peppermint Oil               |
| Bromide of Potassium              | Pepsine                      |
| Bromide of Sodium                 | Phenacetin                   |
| Bromide of Ammonium               | Phenazone                    |
| Cinchonine Sulphate and Muriate   | Pyrogallie Acid              |
| Cinchonidine Sulphate             | Phenolphthalein              |
| Cocain Hydrochlor and Puriss      | Potassium Sulpho Guaiacolate |
| Coumarin Crystals                 | Resorcine                    |
| Creosote Carbonate                | Salol                        |
| Formaldehyde                      | Sugar of Milk                |
| Glycerine                         | Tannic Acid                  |
| Guaiacol Carbonate                | Tannin Albuminate            |
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| Hydroquinone                      | Vanillin                     |
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R.W. Greeff & Co.,  
THAMES HOUSE, QUEEN STREET PLACE,  
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# PHELACTINE

Something entirely new in depilatories.

**1/5 PROFIT ON EACH PACKAGE SOLD.**

Price 5/6 (P.A.T.A.), to the trade 49/- per doz.

STOCKS MAY BE RETURNED AT ANY TIME FOR AN IMMEDIATE CASH REFUND AT FULL TRADE VALUE.

ORDER FROM YOUR WHOLESALE, WE  
DO NOT SUPPLY THE TRADE DIRECT.

**THE JOHNSON LABORATORIES,**  
43 GRAY'S INN ROAD, LONDON, W.C.

**K Y H O**

Registered.

Registered.

(Protected by the P.A.T.A.)

## The Wonderful New HAIR RESTORER

Cooling and refreshing to the scalp, promoting new growth and restoring the natural vigour of the Hair.

Contains no grease or colouring matter, yet has been found to revive the natural pigment.

Sold in bottles, 2/6; minimum retail price, 2/3.  
To the Trade, 21/- per doz. from all the leading Wholesale Houses, or from the

**KYHO PROPRIETARY, Ltd., 17 Victoria St., S.W.**

A Special **BRILLIANTINE** and a **SHAMPOO FLUID** are also supplied to be used with **KYHO**. 1/- per bottle; 9/- doz. to trade.

For further particulars see our full page advt. in "The Chemist & Druggist," March 30, 1912.

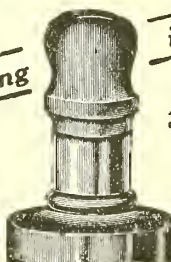
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**SELF-FIXING & AIR-TIGHT  
BOTTLE CAPS**

PROMPT  
DISPATCH

*The Best Capping*

Far superior to  
Pleated Paper or  
Leather Cappings



*in the World.*

**NO  
INCREASE  
in prices.**

Apply now for Booklet  
and full particulars.

**The VISCOSE  
DEVELOPMENT  
CO., LTD.,**  
Bromley, Kent

TO THE  
**WHOLESALE  
AND  
MANUFACTURING  
TRADE and  
DRUG MERCHANTS**

WE CONFIDENTLY INVITE  
YOUR INQUIRIES FOR ALL

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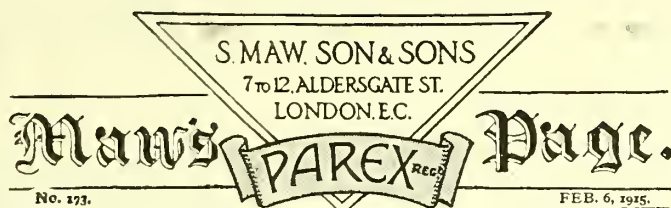
WE HAVE GOOD STOCKS OF  
MOST VARIETIES & CAN OFFER  
VERY ADVANTAGEOUSLY.

**BROOK, PARKER & CO., LTD.**  
BRADFORD.



TELEPHONE: CITY 7. (PRIVATE BRANCH EXCHANGE) TELEGRAMS: (HOME ONLY) ELEVEN CENT LONDON

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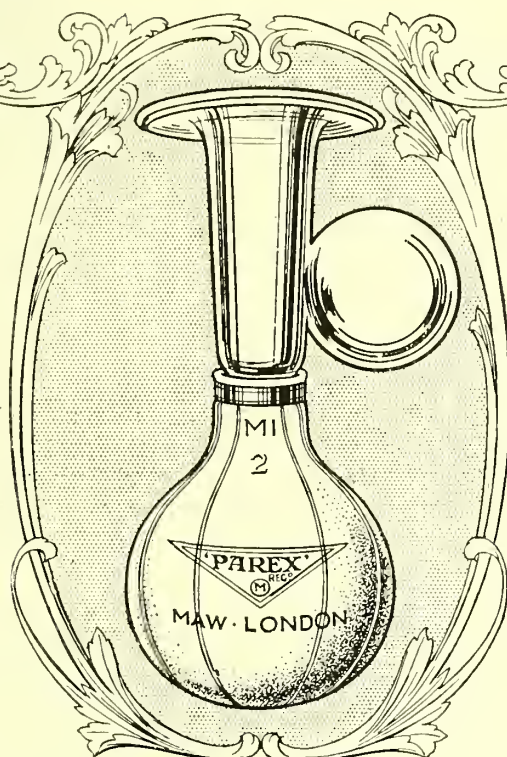


'PAREX'  
MEANS  
ASSURED  
PROFITS.

PRICE  
PER  
DOZEN

20/-

USUAL DISCT.



PRO-  
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2/6

MAW'S  
'PAREX'<sup>REGD</sup> BREAST RELIEVER


THE BULB OF THE "PAREX" IS MADE OF RED RUBBER WITH VELVET FINISH. THE RECEIVER IS MADE OF STOUT GLASS, IT HAS A CAPACITY OF 2 OUNCES EACH PUT UP IN ART GREY BOX.

BRITISH MADE THROUGHOUT



# EGG PRESERVING



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## TOMLINSON & HAYWARD, LIMITED, LINCOLN.

**NOW** is the time to send your orders or make contracts for supplies during the season. Properly packed Water Glass is a most satisfactory line to handle. No other firm of packers have given the attention to this article that we have, and 75 % of the Chemists selling an Egg Preservative obtain their supplies from us. Safest packing. Own name on tin and bills. Prompt delivery. Favourable terms and satisfaction. :: :: *Correspondence invited.*

The number of dentifrices is myriad, their names are legion.

*But—*

in principle and in efficiency there is but one,

# CALOX

## THE OXYGEN TOOTH POWDER.

Its principle is the evolution of oxygen.

Its efficiency as a cleanser of the teeth is due to the oxygen which it generates when used.

*Not only antiseptic, but deodorant, two desirable properties of a tooth powder. Its oxidizing and deodorizing power was obvious in our experiments.—THE LANCET, London, Eng.*

*Possesses not only strong antiseptic, but deodorizing and oxidizing properties, as the result of which the teeth, after a few days' use of CALOX acquire a pearly whiteness.—THE CHEMIST AND DRUGGIST, London.*

CALOX is entirely different from other dentifrices. Its introduction marks a decided advance in the scientific development of a dentifrice, a fact which the dental profession the world over has been quick to recognise. Chemists should interest themselves in Calox because only a chemist can explain the peculiar virtues and value of an oxygen-producing dentifrice.

*Price to the trade, 9/6 per dozen on the P.A.T.A plan.*

**McKESSON & ROBBINS, New York, U.S.A. Manufacturers.**

BRITISH  
DEPOT—

**G. B. KENT & SONS, Ltd., 75 Farringdon Road, London, E.C.**



**ALL BRITISH.**

Order a line of the wonderful new food-beverage

**PLASMON OAT-COCOA**

retailing at 1/4 per lb. tin; 4½d. per ¼ lb. tin.

**THE PROFITS TO THE TRADE ARE:**

3d. on each lb. tin—¾d. on each ¼-lb. tin, exclusive of our usual discounts.

*"LANCET" Report, Oct. 24, 1914.*—"Plasmon Oat-Cocoa is a very palatable and highly nutritious food and contains an abundance of phosphates."

PLASMON CHOCOLATE is supplied as an Emergency Ration to the **BRITISH TROOPS.**

**PLASMON, LTD.** FARRINGTON STREET,  
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**A GOOD LINE FOR CHEMISTS.**

ON P.A.T.A. LIST.

SHOWCARDS FREE.

FRAME FOOD CO., Standen Road, Southfields, London.

**SANAPHOS**

Anorganically Phosphated Milk Product  
prepared under strict scientific control.

A Reconstructive Nerve Food  
MADE IN ENGLAND

**NUTRIENT, RESTORATIVE and ACTIVATING**

Effectively replaces the  
Product of an Alien Enemy

**INDICATIONS:**

Mental and Physical Fatigue, and Nervous  
Breakdown, Insomnia and Neurasthenia.

Fixed Retail Prices: 1/-, 1/6, 2/6, 5/-. Wholesale Prices: 8/6, 12/9, 21/-. 42/- per doz.  
The above prices show a net profit to the Distributor of over THIRTY PER CENT. ON  
SELLING PRICE & OVER 40% ON COST. Special Discounts for Large Quantities.

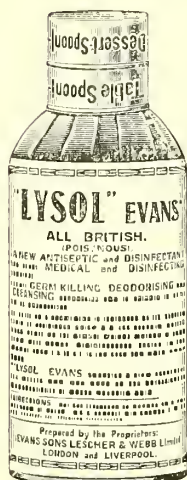
For Samples & all Particulars apply **THE BRITISH MILK PRODUCTS CO., Ltd.**

69 MARK LANE, LONDON, E.C.



OUR GREAT SUCCESS.

# "LYSOL" EVANS'



## ALL BRITISH

As the foreign right in the word "Lysol" has now been "voided" by the Board of Trade, we offer a British-made "Lysol" to replace the former foreign article. We will co-operate with Chemists in providing Free Samples for their Medical Men.

*"LYSOL" EVANS' is being well advertised to Doctors and Nurses.*

Put up in fluted Amber Ovals, wrapped,  
:: with Graduated Aluminium Measure. ::

SHOWCARD & LITERATURE PROVIDED.

|                  |       |       |        |              |                           |                     |
|------------------|-------|-------|--------|--------------|---------------------------|---------------------|
| On P.A.T.A.      | 4 oz. | 8 oz. | 16 oz. | 32 oz.       | $\frac{1}{2}$ gall. tins. | And in 1 gall. tins |
| Minimum Retail - | 7d.   | 1/-   | 1/9    | 3/-          | 6/- each                  | 11/- each           |
| Trade Prices - - | 4/6   | 7/6   | 12/6   | 22/ per doz. | 4/- ,,                    | 7/- ,,              |

NET IN MONTHLY A/C.

MADE IN ENGLAND BY

**EVANS SONS LESCHER & WEBB LTD.,**  
*LONDON and LIVERPOOL.*



# HELICON

is the name for British-manufactured Acetylsalicylic Acid, now being prescribed by leading doctors in place of the German product Aspirin, whose manufacturers subscribed three million marks to the German War Loan. Every doctor who prescribes Helicon makes absolutely certain his patient receives the British remedy, whereas if he merely specifies Acetylsalicylic Acid the probabilities are the foreign drug will be supplied. The *C. & D.* says: "Helicon has been much appreciated by medical men and others who prefer not to prescribe or handle German products . . . Helicon is pure Acetylsalicylic Acid"; and the *Lancet* says: "It conforms with the standards of purity laid down in the British Pharmacopœia, 1914."

## On the P.A.T.A.

Big German efforts are being made to retain their trade by offers of extra profit. Be British! We trust to your patriotism to insist on Helicon, the British product. Chemists and pharmacists receive a clear 40 % profit. Turn a deaf ear to insidious attempts to induce you to accept something else. Helicon is obtainable from all wholesale houses in bottles of 25 or 100 5-gr. tablets at 8/6 and 25/6 per dozen. Also in 1 oz. or 8 oz. bottles in powder form for prescribing. The Castle Laboratory, London, N.W. (Established 1885.)

CHUIT NAEF & CO.

## M. NAEF & CO.

(Successors)

GENEVA, Switzerland.

**WORLD - RENOWNED PERFUMERS**  
are now using our leading Specialties in  
**Synthetic & Aromatic Chemicals**

**We** cannot improve our qualities, **but You** can blend our ingredients and produce exquisite Perfumes.

*Up-to-date Novelties for modern floral odours are:*

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| <b><u>Cyclosia</u></b> . . .  | As indispensable as Jonone in modern perfume laboratories.                            |
| <b><u>Lilafleur</u></b> . . . | The most delightful and refreshing Lilac odours ever produced.                        |
| <b><u>Fleur de Muguet</u></b> | Very finest perfume of the Lily of the Valley.  |
| <b><u>Rose Orient</u></b> . . | The best substitute existing for the costly Bulgarian Otto of Roses.                  |
| <b><u>Rose Provencale</u></b> | Yields the typical odour of the natural Rose Oils as produced in the South of France. |

*Samples and Price Lists sent on application.*

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# TITTERTON'S

CELEBRATED

## HAIR BRUSHES

**GOOD PROFITS**

are made by selling

**TITTERTON'S  
CELEBRATED  
BRUSHES**

(Hair, Tooth, Nail & Shaving Brushes).

They have a world-wide reputation for excellence of quality, and perfection of workmanship. Should be stocked by all Chemists desiring to give the public the best value for money.

*Illustrated Catalogue on application.*

## TITTERTON & HOWARD,

*Brush Manufacturers,*

8 & 10 Great Titchfield St., London, W.



# "AQUAPERIA"

## The HARROGATE APERIENT MINERAL WATER



Prepared and bottled by CAMWAL, Ltd.,  
at their Spring at **HARROGATE**  
(supplied also through any other Camwal Factory).

"Aquaperia" is an excellent and efficient  
Aperient Water to supplant Foreign  
Mineral Waters of similar character.

### WHOLESALE PRICE:

**6/-** per dozen in large 32-35 oz. handsomely got-up bottles. Carriage paid  
with other Goods to any part of England. **6/6** in one dozen lots.  
Bottles included and allowed for at 1/- per dozen if returned,  
Carriage paid. Cases charged and allowed for on return.

Retail Price, 1/-; Minimum P.A.T.A., 10½d. per Bottle.

Chemists should impress upon their Customers  
that not only is this Water purer and better  
than any German or other Foreign brand, but  
that in using "AQUAPERIA" they are  
keeping money in this Country, are assisting a  
Home Industry, and giving employment to  
Britishers—a true form of Patriotism.

CAMWAL, LTD., also supply

### "FONTALIS"

(A BRITISH TABLE WATER) in Apollinaris-shaped bottles, at  
**2/3** per dozen splits. **2/9** per dozen large.

Carriage paid, with other goods, bottles included—allowed for at 6d. per dozen  
if returned.

# CAMWAL

LIMITED.

Head Office:

112 Pembroke Street,  
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HARROGATE, MANCHESTER, BIRMINGHAM, BRISTOL & MITCHAM.



**PRESCRIBED FOR MEMBERS OF THE ROYAL FAMILY**  
**SUPPLIED TO HER MAJESTY QUEEN MARY'S ROYAL NAVAL HOSPITAL,**  
**HER ROYAL HIGHNESS THE PRINCESS LOUISE'S HOSPITAL,**  
**THE BRITISH RED CROSS SOCIETY'S HOSPITALS, etc. etc.**

*Over a quarter of a century  
of uninterrupted success as  
a specialised preparation.*

*Unsurpassable reputation for  
genuineness. Never claims to  
do more than it can accomplish.*

# KUTNOW'S POWDER

*For Liver, Kidneys & Bowels.*

**THE FAMOUS BRITISH REMEDY  
MADE IN ENGLAND ONLY**

**THE POWDER—BOTTLES—CAPSULES—LABELS ALL MADE IN ENGLAND**

It is on the P.A.T.A.  
It is well advertised  
It is very popular  
It is a good article  
It is never dead stock  
It yields a good profit  
It satisfies everybody



The Doctors prescribe it  
The Nurses recommend it  
The Public appreciate it  
The Customer comes again  
The demand is constant  
The sales are increasing  
The trade is booming

**ORDER AT ONCE FROM  
YOUR WHOLESALE HOUSE**

**WINDOW SHOWS ATTRACT  
REMUNERATIVE BUSINESS**

## IMPORTANT NOTICE.

### Hospital War Service

— FREE OF CHARGE —

**DOCTORS, NURSES & HOSPITALS**

*are invited to apply at once for special Physicians' Sample Bottles of Kutnow's Powder, for the use of the sick and wounded both at the front and at home. All applications will be dealt with promptly and supplies forwarded immediately, carriage paid. Applications to be made by letter, marked*

**"HOSPITAL WAR SERVICE,"**

*and addressed to*

**Messrs. S. KUTNOW & Co., Ltd.**

41 Farringdon Road, London, E.C.

## PERSONAL NOTICE.

### Showcards & Dummies

— SEND THIS COUPON —

To S. KUTNOW & CO., Ltd.,

41 Farringdon Road, London, E.C.

Please send me Showcards and Dummies carriage paid

NAME.....

ADDRESS .....

"Chemist & Druggist," February 6, 1915.

Fill in, cut out, and post in open envelope, affix 3d. stamp.

**S. KUTNOW & CO., LTD. Sole Proprietors,**  
41 Farringdon Road, London, E.C.



*Childs'  
Royal Castle  
Palmitine Star  
Clarke's Pyramids  
Sentinel  
New Patent  
etc. etc.*

# PRICE'S NIGHT LIGHTS

The Largest Sale in the  
World.

Prices Unchanged.

Advertised as usual.



Price's Patent Candle  
Company, Limited,  
Battersea,  
London, S.W.

Large Dummies of Boxes and  
Night Lights, Showcards, and  
useful Wrapper-Handbills free  
on application.



**"The Standard of Purity."**

# SOFT PARAFFIN

(Par. Molle) B.P.

**White, Half-White &  
Coloured Oils**

Light and Dark Yellow.

Light and Dark Green, Red, etc. etc.

# PETROLEUM JELLIES

(B.P. and Technical Qualities)

White, Yellow, Cream,  
Ruby, etc.

**THE STERN SONNEBORN OIL CO., Ltd.**

51 Royal London House, Finsbury Square, London, E.C.

## Lofthouse & Saltmer, Ltd.

Wholesale and Export Drug Merchants,  
Manufacturing Chemists

### HULL

Invite the Trade to take up the following valuable P.A.T.A. Protected Lines, bearing a very large Protected Retail Profit, which sell freely and are well known and valued by the Public in many parts of the country.

|   | Protected<br>Retail Price. | Dozen<br>Net. |
|---|----------------------------|---------------|
| * LOSALL'S SALT (well advertised), tins | 6d.                        | 3 6           |
| * " " " " " "                           | 1/-                        | 7/-           |
| * " " " " " bottles in cartons          | 1/6                        | 10/6          |

\* Losall's Salt sells so well, surely it must pay Pharmacists to stock such a big profit-bearing protected line.

### LOSALL'S COMPOUND SULPHUR SOAP.

A valuable emollient medicated skin soap, especially suitable for use in Eczema 1/- 8/-

Chemists requiring effective advertising matter for Losall's Salt, &c., will, on application direct to Lofthouse & Saltmer, receive a liberal supply of Dummies, Showcards, Window Slips, Price Tickets, &c., Carriage Paid, whether or no they have an account open with the Firm.

**SPECIAL TERMS ARE OFFERED FOR  
WHOLE OR PART WINDOW DISPLAYS.**

PRICES PROTECTED.

## Dr. Allinson's Food Preparations.

Food for Babies, Prepared Barley, Brunak, Power, N-F. Cocos, Biscuits, Soup, Nutbutter (Walnut Brand), Wholemeal, &c.

### NOTICE TO THE TRADE.

We issue a list of WHOLESAL HOUSES who keep above in stock; if for any reason you have difficulty in obtaining supplies, please send postcard direct to us, and a list will be sent to you by return. See trade mark on all our goods: "T. R. ALLINSON." None Genuine Without.

**NATURAL FOOD COMPANY, LIMITED,**  
305 Cambridge Rd., Bethnal Green, LONDON, E.

Handbills, Booklets, Showcards, &c., Free.

**N.B.**—Our goods are to be sold only at prices stated upon the Price List we issue to the trade.

## SAL HEPATICA

PUT UP FOR EXPORT.

Small Size, 3 oz. bottle, in case.  
Medium " 7 " " "  
Large " 16 " " "

OBTAINABLE IN LONDON FROM

Thos. Christy & Co., 4-12 Old Swan Lane,  
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E.C.

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TELEGRAMS  
"CREAMUGERS, EUSQUARE,"  
LONDON.

TELEPHONE,  
3828,  
NORTH.

# CREAM MUGS LTD.

CHRISTOPHER WORKS,  
CHALTON ST. ST. PANCRAS,  
LONDON, N.W.



*Manufacturers of; The  
Perfect Vessel for all  
commodities, hygienic & of dainty  
appearance. Your name & address  
artistically displayed, resulting in a  
perpetual and profitable  
Advertisement.*



SAMPLES & PRICE  
LIST

ON  
APPLICATION.

## 30/- National Autographic Till

MAHOGANY Finished Cabinet, with  
Bronze Fittings.

Writing space, 4 1/2 inches wide. Paper  
Roll ruled for assistant's initial, and cash  
sales, credit sales, money received on  
account, and money paid out.

Bell rings on opening of cash drawer.  
Record moves forward, and cannot be  
changed.

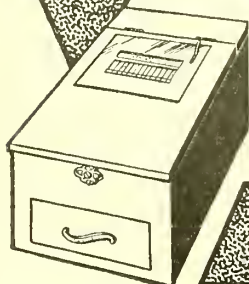
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We Guarantee to furnish a  
better Cash Register or Auto-  
graphic Till for less money  
than any other concern in the  
world.

The National Cash Register Co. Ltd.  
225 Tottenham Court Road, London, W.

Write  
for  
Booklet



## Anzora Cream

even in spite of the War is in  
constant demand, because men  
realise that it is the *only* pre-  
paration that effectually —

## Masters the Hair

without the aid of oil or grease.

**WE CREATE the DEMAND.  
DO YOU STOCK?**

### TRADE TERMS.

|                 |                  |
|-----------------|------------------|
| 11/6 per Dozen. | Retailed at 18/- |
| 19/6 " "        | " " 30/-         |

ORDER THROUGH ANY WHOLESALER.

**ANZORA PERFUMERY CO.,**

32-34 Willesden Lane, LONDON, N.W.



# *Are You Stocking* *the* **SERVICE SOAP ?**

# **“SCOUT”**

(REGD.)

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IT is made from the fruits of the Palm and Pine Trees, and its germicidal value is equal to that of a Soap containing 20% Carbolic Acid, but it will not injure the most sensitive skin.

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**3d. PER TABLET.**

EACH TABLET IN A METAL BOX.

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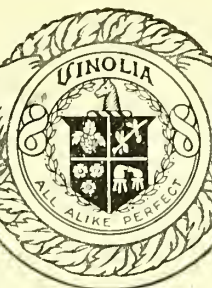
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Winter Issue, 1915, pp. 40, 41.

Diary 1915, pp. 104, 105.



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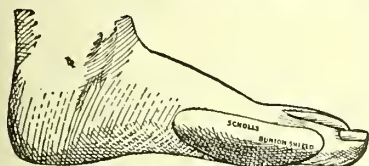
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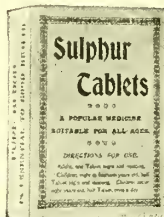
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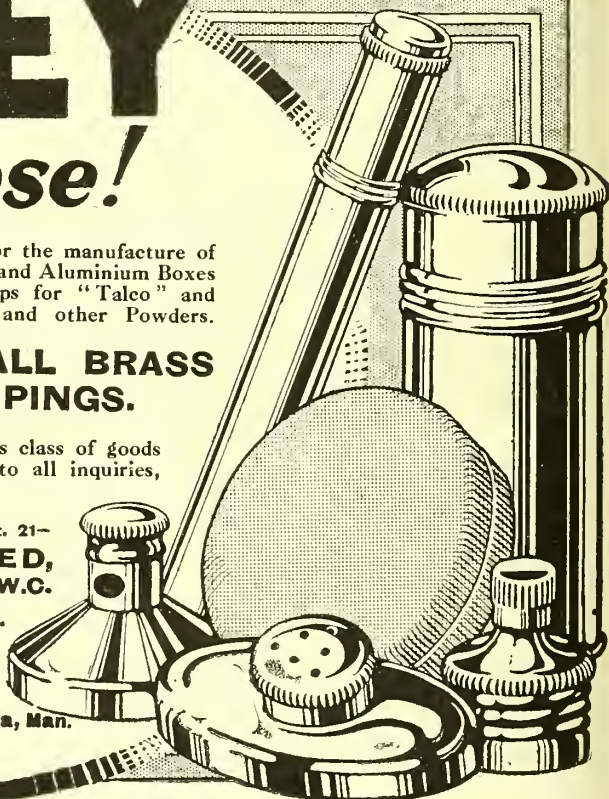
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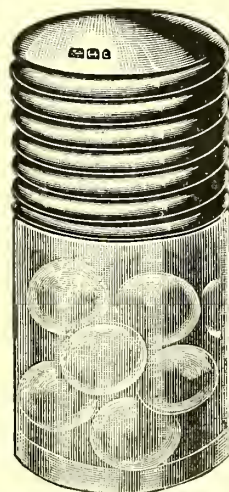
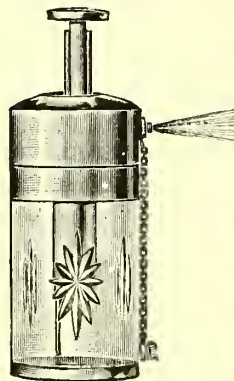
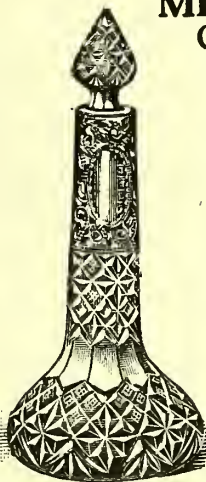


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**In the Coloured Supplement.**

|                |                 |
|----------------|-----------------|
| Coming Events. | Personalities.  |
| Legal Case.    | Winter Session. |

**Summary.**

Edinburgh "Gossip" of fifty years ago is recorded on p. 56.

A death from eserine sulphate through a telephone error is reported on p. 36.

Reports of Winter Session meetings are printed in the Coloured Supplement.

"Minor Experiences" in book form is now obtainable from the *C. & D.* (p. 49).

Among the deaths recorded is that of Mr. H. W. Jones, F.C.S., Birmingham, who did much good work in pharmacy (p. 41).

An inquiry on behalf of the Insurance Commissioners in regard to alleged irregularities by a West Ham panel company is reported on p. 43.

The change of B.P. ether has had a marked effect on certain solubilities, which we note from Squire's new "Pocket Companion" (p. 49).

In the Merchandise Marks Act case, *Boot v. Zimmermann*, ten summonses against the defendants for using the Lysol trade-mark were dismissed (p. 38).

A deputation from the Pharmaceutical Council has been received by the Insurance Commissioners, who gave a sympathetic hearing to the deputation's representations (p. 43).

The Glasgow Insurance Committee, by a motion in the Court of Session, has stopped the Scottish Insurance Commissioners proceeding with the regulations for the Drug Accounts Committee (p. 39).

Cod-liver oil, ammonia sulphate, antimonial preparations, English castor oil, cantharidin, menthol (c.i.f.), glucose, and turpentine are dearer. For Eastern products, such as star-anise oil, Japanese refined camphor, and mint oil and vegetable-wax on arrival terms are firmer. Among the articles showing easier rates are potashes, pilocarpine, chrysarobin, santonin, and potash permanganate (p. 52).

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The best thing of the kind. It measures 11 in. by 8 in. and is looped to hang up. Supplied at 2s. 6d. per dozen, or 6d. for two, or 4d. each, post free, and orders, with remittance, should be sent to the Book Department, *C. & D.*, 42 Cannon Street, London, E.C.

# European War.

## Pharmaceutical Roll of Honour.

*Non sibi sed patriæ.*—CICERO.

### TWENTIETH LIST.

ATKINS, Private Fred (brother of Mr. E. A. Atkins, Ph.C., Wandsworth, London, S.W.), Scots Guards. Private Atkins was captured by the *Dresden*, and, on being released, crossed from South America to enlist. He is the third brother of Mr. E. A. Atkins to appear in our Roll of Honour.

CHAPMAN, Warrant Officer Alexander (lately with Martin & Pleasance, Melbourne), 3rd Light Horse, Field Ambulance, Second Australian Expeditionary Force.

COLE, W. H. (eldest son of Dr. F. Hobill Cole, Examiner to the College of Pharmacy, Melbourne), Australian Light Horse, Second Expeditionary Force.

DICKSON, Second-Lieutenant W. Eyward (son of Mr. T. A. Dickson, chemist, Geelong, Australia), 4th (Extra Reserve) Battalion Lancashire Fusiliers.

EARLEY, Chief Petty Officer Harold (son of Mr. J. T. Earley, chemist, Sheffield), Sheffield Naval Anti-aircraft Division.

EDWARDS, W. L., and H. S. EDWARDS (sons of Mr. William Edwards, President of the P.A.T.A.), second-lieutenants, Army Service Corps, Transport Section.

FORREST, Corporal L. W., chemist and druggist, Warkworth, 60th Field Ambulance, R.A.M.C.

HADFIELD, Lieutenant Geoff., M.D. Lond. (son of Mr. J. H. Hadfield, chemist, Plymouth), R.A.M.C. Lieutenant Hadfield has been appointed Pathologist to the General Hospital of the British Expeditionary Force at Rouen.

HARE, Temporary Second-Lieutenant Tom (son of Mr. G. E. Hare, chemist, Hollowstone, Nottingham), 16th Batt. (2nd Birkenhead) Cheshire Regiment.

HARVEY, Corporal Gordon (son of Dr. James Harvey, Edinburgh), Scottish Horse.

JORDAN, Wilfrid (with Frank Ross & Co., chemists, Chowringhee, Calcutta), Loyal North Lancashire Regiment (at Bangalore, India).

LOVE, Major (F. H. Faulding & Co., Adelaide), Australian Light Horse, Australian Expeditionary Force.

MITCHELL, T. Graham, chemist and druggist, Melbourne, 12th Batt. Scottish Rifles (Cameronians).

ROSS, Frank, jun. (of Frank Ross & Co., chemists, Chowringhee, Calcutta), London Scottish.

SARGENT, Sergeant R. O., chemist and druggist, Australian Army Medical Corps (Field Ambulance), Australian Expeditionary Force.

SOUTER, Walter M., chemist and druggist (formerly manager to Mr. Wilfred C. Phillips, Ph.C., Tadworth), R.A.M.C., now serving at the Hospital Sophie Berthelot, Calais.

### National Dye Scheme.

Meetings held on January 27 and 28 of the enlarged Committee appointed to confer with the Board of Trade as to a national dye scheme have resulted in a unanimous decision in favour of a modified scheme, which, it is believed, will be acceptable to the various interests concerned. The proposal is to form a company with an initial share capital of 2,000,000*l.*, of which 1,000,000*l.* will be issued in the first instance. The Government will make to the company a loan for twenty-five years corresponding to the amount of share capital subscribed up to a total of 1,000,000*l.*, and a smaller proportion beyond that total. The Government advance will bear interest at 4 per cent. per annum, payable only out of net profits; the interest to be cumulative only after the first five years. There will be no compulsory sinking fund, but the dividend on the shares will be limited to 6 per cent. per annum on the paid-up share capital so long as any part of the Government's advance is outstanding. In addition, and with the desire of promoting research, the Government has undertaken for a period of ten years to make a grant to the company for the purposes of experimental and laboratory work up to an amount not exceeding in the aggregate 100,000*l.* With the object of securing that the company shall remain British, and of preventing undue preference or encroachment on the businesses of British manufacturers of products other than dyes and colours, the Government will nominate two directors of the company with special powers in relation to these matters. There is, however, no intention of using these powers to prevent the company from giving priority to

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shareholders in the supply of dyes or from making the by-products incidental to the manufacture of dyes. The terms of the proposed agreement to be entered into between users of dyes and the company have been considerably modified in favour of the users. An option has already been obtained for the acquisition of important dye-making works, and negotiations for other options of a like character are in progress, while there is reason to believe that arrangements satisfactory to both parties can be made with important producers in Switzerland. Early steps will be taken to develop the supply of dyes both by the enlargement of the plants of the undertakings acquired and in other ways. It is proposed that the company shall take powers to arrange for the assistance of a Committee of experts conversant with the dyeing-trade and its requirements, and in this connection Lord Moulton has promised to give the company the benefit of his assistance and advice. It is believed that the steps thus taken will provide for the full and immediate utilisation of available resources for the manufacture of dye-stuffs, and will provide an organisation capable of expansion so as to deal with the problem on a more comprehensive scale.

#### Manufacture of Photographic Developers.

"The Times," reviewing the conditions of chemical-industry in this country in the last six months of 1914, gives the case of the manufacture of photographic developers as typical of the difficulties which have had to be faced:

One well-known developer, hydroquinone, has been produced by Germany, more or less as a by-product, and sold at a figure as low as 1s. 6d. per lb. Now, by any ordinary method of manufacture of this substance, *per se*, the actual cost of production may run into anything from 2s. to 5s.; for the time being, this may be a comparative price, but later on, when Germany is again in the market, it will be impossible to compete, unless by that time aniline-producing works can provide it or the raw material under conditions similar to those obtaining in Germany. Hydroquinone is a very slow, hard-working developer, yet possesses many excellent qualities. German research chemists seemed to go out of their way some years ago to invent metol—a very fast, soft-working developer. The result was that the one used with the other gave an admirable developer which has come into great prominence, and enjoyed immense sales for the development of cinematograph-films.

It is stated that the Gas Light and Coke Co. have undertaken to manufacture at Beckton several intermediate tar products hitherto imported from Germany. Summing up the position, the conclusion is arrived at that an immense amount of spade-work has been done, and the details of economic manufacture on a commercial scale have been, and are being, worked out. Chemists with the necessary training for the work are much needed.

#### Exports for the French Government.

The Board of Trade draws the attention of manufacturers, merchants, and shippers to the following regulations governing the export of articles destined for the use of the French Government:

1. Application for permission to export to France goods of which the export is prohibited by Proclamation will receive special consideration if it can be clearly shown that the goods are destined for the use directly or indirectly of the French Government. Such applications must be made to the Commission Internationale de Ravitaillement, India House, Kingsway, W.C.

2. Documents issued by provincial military or naval officers, other local authorities, or Government contractors in France will not be recognised as evidence of the destination of the goods unless formally approved in writing by the competent Department of the French Government.

3. British manufacturers, merchants, and shippers are accordingly warned that, before entering into any contracts for the supply of goods stated to be for the use of the French Government, they should first obtain from their clients written evidence that the approval of the Ministry of War, Ministry of Marine, or other Department concerned has been obtained.

4. Application for permission to export the articles in question must then be made in writing to the Commission Internationale de Ravitaillement, accompanied by the necessary documentary evidence. The applicants should not proceed with the execution of the order until they have satisfied themselves that a permit to export will be granted.

Any firms accepting contracts without complying with the above regulations will do so at their own risk, and with full knowledge that permission to export the goods which they have contracted to supply may be refused. Applications for permission to export goods which are ordered by firms or individuals in France for purely industrial purposes, and which are not destined for the use of the French Government, will continue to be made in the ordinary manner to the Commissioners of Customs and Excise, Custom House, E.C.

#### Prohibition of Exports.

A Supplement to the "London Gazette" published on February 3 contains a revised list of the articles the export of which is prohibited or restricted. The changes so far as regards drugs and chemicals are in the direction of permitting the exportation of certain products to the British Dependencies and Protectorates. The following is the new list; it should be substituted for the one published in the *C. & D. Diary*, p. 405:

(A) That the exportation of the following goods be prohibited to all destinations:

|   |   |
|---|---|
| Chemicals, drugs, dyes and dye stuffs, medicinal and pharmaceutical preparations, and tanning extracts—namely:                                | Emetine and its salts   |
| Acetone   | Eucaine hydrochlor  |
| Acetylsalicylic acid (aspirin)  | Gentian and its preparations  |
| Ammonium nitrate, perchlorate and sulphonyl   | Honbaine and its preparations   |
| Antipyrine (phenazone)  | Hydroquinone  |
| Anti-tetanus serum  | Indigo, natural   |
| Barium chloride   | Ipecacuanha root  |
| Belladonna and its preparations and alkaloids   | Methylaniline   |
| Calcium acetate and all other metallic acetates   | Nec-salvarsan   |
| Calcium nitrate   | Nitric acid   |
| Cantharides and its preparations  | Nitrotoluid   |
| Carbolic acid   | Novocain  |
| Chloral and its preparations, including chloramid   | Opium and its preparations and alkaloids                                  |
| Coal tar distillation products—namely, benzol and cresol and the fractions of the distillation products of coal tar between benzol and cresol | Paraffin, liquid medicinal  |
| Coal tar products for use in dye manufacture, including aniline oil and aniline salt  | Paraformaldehyde and trioxymethylene                                      |
| Collodion   | "Peptone Witte"   |
| Cresol, all preparations of (including cresylic acid) and nitro-cresol (except saponified cresol)   | Peroxide of manganese   |
| Cyanamide   | Phenacetin  |
| Diethylbarbituric acid (veronal) and veronal sodium   | Pieric acid and its components  |
| Dimethylaniline   | Potash salts—namely, chlorate, cyanide, nitrate (saltpetre), permanganate |
| Dyes and dyestuffs manufactured from coal tar products  | Protargol, not including silver proteinate                                |
| Ergot of rye, not including liquid extract or other medicinal preparations of ergot   | Saccharin (including "saxin")   |
|   | Salicylic acid and salicylate of soda                                     |
|   | Salol   |
|   | Salvarsan   |
|   | Santonin and its preparations   |
|   | Sodium chlorate and perchlorate   |
|   | Sulphonal   |
|   | Sulphur   |
|   | Sulphuric acid  |
|   | Thorium nitrate   |
|   | Thymol and its preparations   |
|   | Trional   |
|   | Forage and food for animals (list given)                                  |

(B) That the exportation of the following goods be prohibited to all destinations abroad other than British Possessions and Protectorates:

|  |   |
|--|---|
| Chemicals, drugs, medicinal and pharmaceutical preparations:   | Potash, caustic   |
| Acetanilide  | Sodium nitrate  |
| Aeonite and its preparations and alkaloids   | Tartaric acid and alkaline tartrates  |
| Alcohol, methyllic   | Zinc sulphate   |
| Alumina and salts of aluminium   | Metals and ores (list given, including antimony, mercury, and zinc)   |
| Ammonia, liquefied   | Mineral jellies   |
| Antimony, sulphides and oxides of  | Oil, mineral lubricating (including mineral lubricating grease and lubricating oil composed of mineral and other oils)      |
| Benzole acid (synthetic) and benzoates   | Oils, all vegetable (other than linseed oil, boiled and unboiled, unmixed with other oil, and not including essential oils) |
| Bromine and alkaline bromides  | Oil, whale—namely, train blubber, sperm or head matter, and seal oil, shark oil, and Japan fish oil                         |
| Coca and its preparations and alkaloids  | Olaciginous nuts, seeds, and products (list given)  |
| Copper, suboxide of  | Surgical bandages and dressing (including buttercloth)  |
| Copper sulphate  | Turpentine (oil and spirit)   |
| Cresol (saponified)  |   |
| Formic aldehyde  |   |
| Fulminate of mercury   |   |
| Glycerin, crude and refined  |   |
| Hexamethylene tetramin (urotropin) and its preparations  |   |
| Hydrobromic acid   |   |
| Potash salts—namely, Bicarbonate, bichromate, carbonate, chloride, chrome alum, metabisulphite, prussiate, sulphate (including kainit) |   |



(C) That the exportation of the following goods be prohibited to all foreign ports in Europe and on the Mediterranean and Black Seas, other than those of France, Russia (except Baltic ports), Belgium, Spain, and Portugal:

|   |   |
|---|---|
| Camphor                                   | Mercury, salts and preparations of            |
| Chemicals, drugs, etc.:                   |   |
| Bismuth and its salts                     | Nux vomica and its alkaloids and preparations |
| Iodine and its preparations and compounds |   |

#### Currency of Postal Orders.

A Proclamation has been gazetted revoking from February 3 Section 1 (6) of the Currency and Bank Notes Act, 1914, whereby postal orders were made legal tender. Any postal orders to which that sub-section applies now cease to be current and legal tender, and the usual poundage will be charged on postal orders; but it is expressly stated that holders of postal orders previously issued shall be entitled before June 1, 1915, to get payment for them at any money-order office.

#### Locchos.

Dr. A. E. Shipley, writing to "The Times," refers to the shortage of leeches in this country as follows:

In November I made some efforts to alleviate the situation by applying to America and Canada, but without success. I then applied to India, and last week, owing to the kindness of Dr. Annandale, Director of the Indian Museum at Calcutta, and to the officers of the P. & O. Co. and to Colonel Alcock, M.D., of the London School of Tropical Medicine, I have succeeded in landing a fine consignment of a leech which is used for blood-letting in India. It is true that the leech is not the *Hirudo medicinalis* of our Pharmacopoeias, but a different genus and species, *Limnatis granulosa*. Judging by its size, always a varying quantity in a leech, we may have to readjust our ideas as to a leech's cubic capacity, yet I believe, from seeing them a day or two ago, they are willing and even anxious to do their duty. They have stood the voyage from Bombay and the changed climatic conditions very satisfactorily, and are in a state of great activity and apparent hunger at 50 Wigmore Street, London, W.

John Bell & Croyden, Ltd., 50 Wigmore Street, London, W., referring to Dr. Shipley's letter, inform us that these Indian leeches have been proved by experience to be perfectly good to use. Each leech absorbs from four to six drachms of blood. Urgent orders from pharmacists can be filled for the present at 18s. per dozen, and the proceeds of the sale will be given to the Belgian Doctors' and Pharmacists' Relief Fund.

#### Belgian Doctors' and Pharmacists' Relief Fund.

The subscriptions to the Fund have been well maintained during the past two weeks, the amount received from pharmacists being 180*l.* Of this sum, two further donations collected by the Hon. Secretary of the Birmingham Pharmaceutical Society amounts to 51*l.* 2*s.* Contributions of 8*l.* from the Rochdale Association and 27*l.* 6*s.* from the English Board of Examiners have been received. A Committee has been set up in Scotland, and the pharmaceutical member is Mr. James L. Ewing, LL.D. Subscriptions from Scottish pharmacists may be sent to Mr. J. Rutherford Hill, Resident Secretary, Pharmaceutical Society, 36 York Place, Edinburgh. A Birmingham Committee has also been established, the pharmaceutical members of which are Sir Thomas Barclay, Mr. E. W. Mann, B.Sc., Mr. Jeffrey Poole, Mr. J. A. Radford, Mr. J. Wakefield, and Mr. F. Smith. Mr. Smith is acting as Joint Hon. Treasurer and Secretary of the Committee with Dr. Saundby. Subscriptions from pharmacists in the Birmingham district may be sent to Mr. Smith, 221 Soho Road, Handsworth.—Meetings of the Central Committee were held on January 21 and 28, when Sir Rickman Godlee explained the satisfactory result of personal visits to the American Ambassador and Mr. Herbert Hoover in respect of the distribution of parcels sent out to Belgium through the medium of the International Committee for Relief in Belgium. The following subscriptions have been received up to Tuesday last: H. Wolff, 1*l.*; A. C. Haneock, Ltd., 1*l.* 1*s.*; G. H. Dawson, 1*l.* 1*s.*; Miss A. I. Tufnell, 10*s.*; J. J. Webb, 10*s.*; South-East London Pharmacists' Association, 6*l.* 15*s.*; Clay & Abraham, 5*l.*; D. G. Pout, 10*s.* 6*d.*; Allen & Hanburys, Ltd., 26*l.* 5*s.*; Excell Bros., 10*s.* 6*d.*; J. F. Dickenson, 1*l.* 1*s.*; Whysall & Son, 10*s.* 6*d.*; J. W. Cussons, 10*s.* 6*d.*; C. Symes, 1*l.* 1*s.*; Sheffield Pharmaceutical and Chemical Society, 5*l.* 5*s.*; Samuel Kay, 10*l.*; A. Wright, 5*s.*; collected by Mr. F. Smith, Hon. Secretary, Birmingham Pharmaceutical Association (second list): Southall Bros. & Barclay, Ltd., 25*l.*; F. Barlow 2*l.* 2*s.*; T. H. Foden 1*l.* 1*s.*; A. B. Jensen 1*l.*; J. H. Haines 10*s.* 6*d.*; J. A. Radford 5*l.*; J. T. Bell 1*l.* 1*s.*; F. J. Keene 1*l.* 1*s.*; B. H. Powell 12*s.* 6*d.*; G. L. Scott 10*s.* 6*d.*; F. R.

Smallman 10*s.* 6*d.*; Miss Cuthbertson 10*s.*; E. Paul 10*s.*; G. E. Dallow 5*s.*; A. C. Stanford 10*s.* 6*d.*; W. Keeling 10*s.*; A. Akam 5*s.* (40*l.* 19*s.* 6*d.*); Woolley, Jas., Sons & Co., Ltd., 20*l.*; Eastbourne Pharmacists' Association, 2*l.* 2*s.*; Edmund White, 5*l.*; D. Gilmour, 1*l.* 1*s.*; C. J. Hewlett & Son, Ltd., 2*l.* 2*s.*; W. L. Howie, 1*l.* 1*s.*; M. T. Evans, 10*s.*; N. S. Smith, 5*s.*; C. Fielding, 10*s.*; M. T. Foster, 10*s.* 6*d.*; J. R. Ball (second contribution), 2*s.*; D. Chatteris, 10*s.*; A. F. Corfe, 5*l.*; English Board of Examiners of Pharmaceutical Society, 27*l.* 6*s.*; H. Barnett, 10*s.* 6*d.*; J. R. Cave, 1*l.* 1*s.*; Peterborough Pharmacists' Association (second list): Best & Goggs 10*s.* 6*d.*; W. H. Turner 10*s.* 6*d.*; C. H. M. Baxter 5*s.*; J. Palmer 5*s.*; Rochdale Pharmacists' Association: W. Bamford 2*l.*; E. Thomas 1*l.* 1*s.*; G. S. Dean 1*l.* 1*s.*; J. Kershaw 1*l.* 1*s.*; L. Etherington 10*s.* 6*d.*; R. Whitaker 10*s.* 6*d.*; H. Holt 10*s.* 6*d.*; Mercers, Ltd., 10*s.* 6*d.*; S. Hall, 10*s.*; J. R. Smalley 5*s.*; Birmingham Pharmaceutical Association (third list): F. H. Prosser 2*l.* 2*s.*; C. Thompson 2*l.* 2*s.*; J. H. Cullwick 1*l.* 1*s.*; A. Yeates 1*l.* 1*s.*; A. F. Goode 1*l.*; W. E. Boyle 10*s.* 6*d.*; T. H. Butler 10*s.* 6*d.*; W. H. Richardson 10*s.* 6*d.*; D. Batty 10*s.*; O. T. Edwards 5*s.*; Miss M. E. White 5*s.*; D. R. Whitley 5*s.*

#### Personalia.

Major Denis Saisse Cavallier, of the Chausseurs Alpines, married in January 1914 Mademoiselle Juliette Bermond, of Grasse. It was his father who married Mademoiselle Cavallier.

The naturalisation of Dr. Leo Lane (formerly known as Leo Levi), "Carnbrook," Luton, and Dr. I. P. Masters, 16 King's Gardens, West End Lane, London, was gazetted on February 2.

Mr. M. G. Smith, dispenser, Lewisham Infirmary, who is serving with his regiment at Jhansi, India, has written to the Clerk to the Lewisham Guardians expressing his gratitude to the Board for their consideration in keeping his situation open for him.

Mr. Harry J. Baker, chemist and druggist, of the London staff of Duncan, Flockhart & Co., who was wounded while serving with the London Scottish in Flanders, has completed his convalescence at his native village of Strathdon, Aberdeenshire, and has returned to London.

#### Miscellaneous.

It is stated in "The Times" that at the request of the Admiralty the Organic Chemistry Department of the Imperial College of Science and Technology have manufactured 30 lb. of phenacetin, 50 lb. of hexamethylene-tetramine, and 1½ lb. of β-eucaine. (See *C. & D.*, January 2, p. 37.)

Brunner, Mond & Co., Ltd., chemical-manufacturers, Northwich, on February 1 introduced a scheme for helping their employes to meet the increased cost of living by increasing the wages of the shiftmen by 3*d.* per shift, and by arranging overtime for the day-men. The arrangement will remain in operation for the duration of the war.

The *Matanzas* has arrived at New York from Rotterdam, on her second voyage, with a cargo of 2,445,615 kilos. of synthetic dyestuffs and chemicals from Germany, worth about \$1,000,000, which should give further relief to the market. These shipments are by the permission of the British Navy, otherwise many American woollen-mills would have closed down ere this.

Mr. H. S. Wellcome and the Société Anonyme Les Etablissements Poulenc Freres are applying for a Board of Trade Order to avoid or suspend patent 3934/07 for the manufacture of *p*-amido-phenyl-arsenic acid granted to Lake (Curatorium der Georg und Franziska Speyerschen Studien-stiftung). The hearing will be at the Patent Office on February 17. Mr. E. Beever, Dr. Jaeger's Woollen System Co., Ltd., and A. W. Wood & Co., are also applying in respect of Teufel's patent 14286/05 for elastic bandages. The hearing in these cases is on February 11.

FROSTBITE.—Dr. R. Douglas Powell, writing to "The Lancet" (1, 1915, p. 253) on the prevention of the condition which has come to be known as frostbite among the British Expeditionary Force, points out that frostbite in the present war is due (1) to the feet becoming sodden with water, and their circulation and vitality thus depressed; and (2) to long exposure to a considerable degree of cold—a degree, however, to which the dry foot would be resistant. As to treatment with a view to prevention, it is of the first importance to render the feet less permeable to moisture, and this requirement may be best met by anointing them with some greasy material with low hygroscopic properties. The fact that anointing with fatty or oily material enables swimmers to withstand cold is well known, but the value of an application of low hygroscopic power for persons whose feet are passively subjected for hours or days to water or half-frozen slush is, perhaps, not sufficiently realised. He recommends the use of an ointment of camphorated suet containing 5 per cent. of eucalyptus oil.



## English and Welsh News.

Subscribers are invited to send to the Editor newspapers containing matters of trade interest. The items should be indicated.

### Brevities.

Sleaford Rural Council has decided to purchase for 850*l.* the premises of Mr. J. W. Hickinbottom, chemist and druggist, Sleaford, for conversion into public offices.

Mr. J. A. Pegg, chemist and druggist, Church Street, Mansfield, has been elected a member of the Committee of the Mansfield Traders' Plate Glass Insurance Association.

At the annual meeting of Blackburn Property Owners' Association on January 30, Mr. T. Critchley, J.P., chemist and druggist, King William Street, was elected Treasurer for 1914.

The Essex Education Committee has decided to increase the salary of Mr. G. S. Robertson, B.Sc., assistant chemistry instructor and assistant analyst, from 120*l.* to 140*l.*, as from January 1, 1915.

The Doncaster Co-operative Society have acquired the drug-business at 53 St. Sepulchre Gate, Doncaster, and at the Brewster Session on February 1 had the medicated-wine licence transferred to 2 Printing Office Street.

The lecture on gaseous explosions which Dr. Dugald Clerk delivered before the Royal Institution on January 27 dealt with the results of a research on internal-combustion engines which is being carried out by a Committee of the Institute of Civil Engineers.

A workman named Frederick Lunn was killed and four others severely injured, on February 1, by an explosion in the colour-grinding department of the works of Read Holliday & Sons, Ltd., Huddersfield. The cause of the accident has not up to the present been explained.

At the Manchester County licensing meeting on February 2, Mr. John Douglas Guest, 422 Bury New Road, Prestwich, Mr. James Watkinson, 29 Bolton Road, Walkden, and Mr. Wm. Frederick Cuttifford, 510 Bolton Road, Pendlebury, chemists and druggists, applied for off wine-licences, which were refused. Mr. J. M. Yates, K.C. (Chairman), stated that the Licensing Commissioners are against giving chemists facilities for selling any kind of alcoholic wine.

The General Purposes Committee of the London County Council has reported to the Council that the Asylums and Education Committees, the Committees chiefly concerned, ask that the examination of food samples should continue to be done in the Public Health Department, to which such work was temporarily transferred when the chemical and gas-testing department was discontinued in 1913. The Committee has therefore recommended that the Council authorise the examination of samples of foodstuffs for the several services of the Council by the medical officer of health.

### The Metric System.

It is the intention of the French Chamber of Commerce in London to bring forward a resolution at the forthcoming annual Conference in London of the Association of Chambers of Commerce urging the British Government to make the use of the metric system of weights and measures compulsory for all British firms engaged in the export trade.

### Cheltenham Water.

At a meeting of the Cheltenham Town Council on February 1, Councillor Merrett suggested the need for a more direct scheme of advertising Cheltenham mineral water on the part of the Corporation, and announced his intention of bringing forward a motion at the next meeting of the Council to the effect that it be an instruction to the Town Improvement Committee and Mineral Waters, Baths, and Recreation Ground Committee to prepare a project which shall provide for dispensing the mineral waters in the Winter Garden and adjoining grounds in which the summer and winter concerts are given.

### Plymouth Water-supply.

The Plymouth and District Pharmacists' Association has decided to support the Mercantile Association in opposing the new Corporation Bill, which seeks to override all privileges. It is proposed to charge by meter for all water supplied to business houses, so that chemists may be charged up to 1*s.* 6*d.* per 1,000 gals. It is of interest to note that Queen Elizabeth gave the people of Plymouth all the water obtainable from seven square miles of the Dartmoor Hills, the only stipulation being that they supplied her Fleet with what was required.

### Contracts for Drugs, etc.

Settlement of the undernoted contracts of interest to our subscribers has been notified:

Barnstaple Town Council.—Mr. F. E. Battershill, chemist and druggist, Barnstaple, for disinfectants.

Holborn Guardians.—Allen, Harding & Co., Deptford, for fifteen carboys of sulphuric acid (53*s.* 9*d.* per ton).

The Contracts Committee of Kensington Guardians has recommended to the Guardians that, on account of the present conditions, six months instead of twelve should be specified when tenders are invited for waterproof sheeting, indiarubber goods, drugs, druggists' sundries, wool, lint, tow, etc.

### Apothecaries' Assistants.

We have received from the Secretary of the Society of Apothecaries of London the following list of candidates who were granted the certificate of qualification to act as an assistant to an apothecary in compounding and dispensing medicines at the Assistants' examination of the Society held on January 25, 27, and 28, 1915:

|                   |                    |                     |
|-------------------|--------------------|---------------------|
| Ackroyd, I.       | Heward, A. S. B.   | Oxenford, H.        |
| Aylwin, A. G.     | Heyworth, J.       | Parr, C. H.         |
| Barlow, D. K.     | Hill, P. E.        | Perkins, K. M.      |
| Batts, M. A.      | Ireland, D. J.     | Sanders, E. C. M.   |
| Bevan, G. R.      | Isemonger, E. M.   | Sanderson, C. E.    |
| Brown, E. J.      | James, O. M.       | Shapland, M. E.     |
| Brunton, C. M. D. | Knight, M.         | Sinclair, E. M. M.  |
| Cameron, M.       | Knights, M. E.     | Taylor, P. C.       |
| Capes, M.         | Lathbury, A. M.    | Thomas, M.          |
| Chick, D.         | Leigh, E. M.       | Thomas, V.          |
| Clother, I. C.    | Littelljohn, E. G. | Turner, A. I.       |
| Cooper, M. M.     | Macpherson, E.     | Voysey, W. E.       |
| Cutts, K.         | M. M.              | Wells, F. E.        |
| Drynan, E. M.     | Mawson, C. H.      | Westbrook, M. E.    |
| Gardiner, M. E.   | Moir, F. J.        | Wilson, A. A.       |
| Herring, M.       | Morris, M.         | Woodfield, M. E. E. |

### Sheffield.

Mr. H. G. Williams, chemist and druggist, the Moor, has at present a unique window-display of Zepto. The centrepiece is a gold-mounted mirror, in which passers-by are requested to examine their teeth.

At the City Police Court recently, Jesse Rhodes was charged with allowing intoxicating drink to be consumed on his licensed premises after 9.30 p.m., the hour fixed for closing under the Temporary Restriction Act. The defence was that a non-intoxicating drink, Wintono, was supplied. Mr. John Evans, Ph.C., F.I.C., stated, in evidence, that the drink contained 12.6 per cent. of alcohol—slightly less than the percentage in genuine port wine. The Magistrates imposed a fine of 1*l.*

### Poisoning Cases.

There have been seven deaths from poisons reported since our last issue. In two cases veronal and strychnine (half a teaspoonful) were taken by misadventure. The other poisons used, for suicidal purposes, were cyanide of potassium (two cases), laudanum, and a poisonous liniment. An inquest was held at Burton-on-Trent on February 3 regarding the death of Mr. Walter F. Evans. Mr. Evans was in a nursing home for the purpose of an operation, and the doctor telephoned to his dispenser to send a solution of eserine sulphate (1 minim= $\frac{1}{75}$  grain). The dispenser, in taking down the message, converted the fraction into 0.75, and the prescription was sent to a chemist in that form. The chemist, being suspicious, endeavoured to get into communication with the doctor, but failed to do so. When the dispenser learned the cost of the drug he realised his mistake, and informed the doctor, who telephoned to the nursing home, but the injection had already been given. The doctor then



telephoned to give an antidote and motored to the home, but only to find the patient dying. The jury returned a verdict of death by misadventure, and censured the dispenser.

#### From Various Courts.

The charge of perjury against Alfred A. H. Bennett in connection with the Stevens' Consumption-cure case again came before the Bow Street Magistrate on February 2, when Mr. A. H. Bodkin prosecuted on behalf of the Treasury. The hearing was adjourned.

Two lads were fined 10s. each and placed on three years' probation by the Nottingham Magistrates, at a Children's Court on January 30, for being concerned in the theft of various sums of money, amounting to 8l. 10s., from Mr. E. W. Whitchurch, chemist and druggist, 50 Goldsmith Street, Nottingham.

## Irish News.

Subscribers are invited to send to the Editor newspapers containing matters of trade interest. The items should be indicated.

#### Brevities.

Last week a slight fire occurred on the premises of Messrs. O'Hagon & O'Hare, chemists, Newry.

Sir Stanley Harrington, Cork, has been elected a member of the Council of the Cork Chamber of Commerce and Shipping.

Tenders are invited by the Commissioners of Irish Lights for the supply of medicines for the year ending March 31, 1916.

Mr. Robert Hastings, J.P., registered druggist, Newcastle, co. Down, has been elected on the Committee of the Newcastle Dental Board of the Royal National Lifeboat Institution.

Sir William Baxter, D.L., ex-President of the Pharmaceutical Society of Ireland, has been appointed a member of the Board of Governors of Coleraine Academical Institution, of which he is the Hon. Treasurer.

Mr. W. F. Trench, Litt.D., Professor of English Literature in the University of Dublin, gave a lecture in Belfast on January 28 on "Shakespeare's Interpretation of History." The lecture was in aid of the Belgian Doctors' and Pharmacists' Relief Fund.

At Portadown Quarter Sessions last week, an action was brought by David Carrick, Portadown, against Robert Waite and Thos. E. Cole, Ph.C., Lurgan, to recover damages sustained by the negligence of the defendant Waite in riding a motor-cycle. Judge Green said that both sides were guilty of negligence, and the occurrence was an unfortunate accident. He dismissed the case, and also the counterclaim by the defendants.

#### The Pharmaceutical Calendar.

The "Calendar of the Pharmaceutical Society of Ireland" for 1915 was issued this week, corrected to December 8, 1914. It is published at 2s. 6d., and can be had from the Registrar, 67 Lower Mount Street, Dublin. The Calendar contains the various Acts of Parliament regulating the practice of pharmacy in Ireland, the by-laws of the Society, and lists of registered persons and members of the Society. Students will find useful the papers set at recent examinations which are printed at the end of the book.

## Scottish News.

Subscribers are invited to send to the Editor newspapers containing matters of trade interest. The items should be indicated.

#### Aberdeen and the North.

Mr. A. L. Wood, chemist and druggist, Stonehaven, has been appointed a Justice of the Peace for Kincardineshire.

Mr. George Cruickshank, chemist and druggist, Turriff, has been appointed to supply drugs to the local School Board during 1915.

A lecture on "Natural Selection during Peace and War" was delivered by Dr. J. F. Tocher on January 29 under the auspices of the Aberdeen and District Workers' Educational Association.

#### Edinburgh.

At Edinburgh Sheriff Court on February 1, Sheriff-Substitute Orr imposed a fine of 10l. and 10s. costs on Wood's Bottle-works, Ltd., Baileyfield Road, Portobello, on a charge of employing certain children during the night on stated occasions and of failing to keep a register showing particulars of the employment of these children.

At the annual meeting of the Scottish Section of the Institute of Brewers, held in Edinburgh on January 26, Professor Emil Westergaard, of the Heriot-Watt College, communicated a paper on "The Proteolytic Enzymes in Malt." The experiments described were undertaken to determine the influence of temperature on the enzymatic proteolysis and peptolysis in brewing and distilling. The existence in malt of one proteolytic and two peptolytic enzymes was demonstrated, and it was shown that while active proteolysis takes place at the temperature used by brewers and distillers for mashing, the activity of the peptolytic enzymes is greatly reduced at the comparatively low temperatures used in distilleries, and totally destroyed at the somewhat higher temperatures used in breweries.

#### Fife.

In comparatively small businesses phenacetin and acid. acetylsalicyl. are being "dispensed" at the rate of 1 lb. per week just now.

The co-operative societies along the East Coast, being the owners of many halls and other large buildings, have been called upon by the "military" to hand over their properties for billeting the troops. They are, however, well paid, and in addition orders for supplies have been placed with the various societies.

#### Glasgow and the West.

Robert Alexander Reid, sole partner of R. Reid & Co., chemical-manufacturers, 125 Buchanan Street, Glasgow, was examined privately in bankruptcy, before Sheriff Fyfe, in the County Buildings, Glasgow, on January 25.

At the annual meeting of the Chemists' Golf Club, held on January 28, the following office-bearers were appointed for 1915: *Captain*, Mr. George McDonald; *Vice-Captain*, Mr. Wm. Thompson; *Hon. Secretary*, Mr. J. Halliwell; *Committee*, Messrs. W. S. Galbraith, R. M. Jack, A. McEwan, D. G. McKenzie, A. J. H. Saunders, W. Seivwright, and W. W. Wilson.

#### Perth.

Under the auspices of the Photographic Section of the Perthshire Society of Natural Science, Mr. Thomas Harley, chemist and druggist, Perth, repeated his lecture on his tour in the United States and Canada. The lecture was illustrated by limelight views, and proved both interesting and instructive.

Mr. Allan L. Harley, son of Mr. Thomas Harley, chemist and druggist, Perth, has passed the Junior Local examination of the University of Cambridge, recently held at Strathallan School, Bridge of Allan. Master Harley was one of the only two candidates out of 2,027 who entered for the examination to gain the distinction mark in physical geography, and as he also secured first place in the school in general geography his claims will be considered when the Royal Geographical Society's Silver Medal is awarded by the University authorities at the end of March. At the same examination Mr. Struan Bain, son of Mr. John Bain, Ph.C., Bridge of Allan, gained exemption from certain sections of the Medical Preliminary.

UNUSUALLY LARGE DOSES.—Dr. George Foy, writing to "The Lancet" (l., 1915, p. 255) in regard to Mr. Uglov Woolcock's suggestion as to unusually large doses, states that the method advocated by Mr. Woolcock has the great disadvantage of acquainting the patient or his friends that an unusually large dose of an active drug is prescribed. Dr. Foy's practice is to mark the quantity both on the right and left of the name of the drug, and, if necessary, to underline the quantity on the left.



## Legal Reports.

### Trade Law.

**A Printing Account.**—In the Shoreditch County Court on February 1, before Mr. Registrar Wickham, S. Alex. Fife & Co., Ltd., of 59 Wallis Road, Hackney Wick, chemists' and medical-label printers, sued S. Lovett & Co., of 2B The Broadway, Stamford Hill, to recover 87. 14s. 9d. for printing done. The Registrar made an order for payment at 10s. a month.

**Aerated-water Bottles.**—At the Tower Bridge Police Court on January 27, Marie Knight, confectioner, Lower Road, Rotherhithe, was fined 40s., and 42s. costs, for having sold two bottles of aerated water to which a false trade-description—the name of "W. A. Wilson"—was applied; also for selling three bottles bearing the name of "R. White & Sons, Ltd."

**A Cylinder of Oxygen** is the subject of a case now in the Newark County Court. J. H. Smith & Co. are suing the Rev. W. H. Williams, Vicar of North Muskham, for 18s. 4d., being the price of part of a cylinder of oxygen used by defendant for a lantern-lecture. Defendant paid 5s. 3d. into Court. At the hearing on February 1 it was stated that the defendant is at present in hospital, and the case was adjourned until the April Court.

**Olive-oil Account.**—In the City of London Court, before Judge Atherley-Jones, K.C., on February 2, Themistocles Nicolaides, oil-merchant, 5 Water Lane, applied to have Carmelo Pignataro, 67 Leather Lane, committed for non-payment of 9l. 2s. 6d. due for olive oil supplied. Defendant said he would like to pay the debt, but had not the means. The Judge ordered payment of 5s. a month, beginning in two months, with committal in default.

**Orange-wine.**—At Haultwistle on January 28, Wm. O. Bewick was summoned, under Section 6 of the Sale of Food and Drugs Act, 1875, for selling "British, non-alcoholic orange-wine," which Mr. J. T. Dunn, county analyst, said was simply a glucose-syrup with a little citric acid added and a small quantity of flavouring and colouring material. The liquid contained no orange-juice, and, in his opinion, so-called orange-wine should have orange-juice as its basis. Mr. F. W. Beck cross-examined him, and the Magistrates dismissed the case.

**Stolz Electrophone Co., Ltd.**—In the Chancery Division, on Monday, Mr. Justice Eve commenced the hearing of an action against Sir John Thrift, Baron Rosmead, Dr. Fernandez Clarke, and other directors of the Stolz Electrophone Co. for damages amounting to 400l. brought by Mr. W. H. Adams, of Old Charlton, Kent, a shareholder in the company. Mr. Adams also asked for a declaration that a prospectus of the Stolz Electrophone Co., Ltd., issued in 1913 contained misstatements of fact. The evidence has been heard during the week, and is being continued as we go to press.

**"Germo" for Lung-syrup.**—On February 4, at West Ham Police Court, Mr. R. A. Gillespie sentenced William Jackson (34), described as an agent, Cressington Road, Kingsland, to six months' imprisonment for obtaining 7s. 6d. by means of a trick from Mrs. Jane Baldwin, shopkeeper, Plaistow. Mrs. Baldwin stated in evidence that in November last the accused called upon her and represented that he was connected with a firm of wholesale druggists. He offered what he described as a new line—"Germo"—but she would not order. She did, however, order a gross of bottles of lung-syrup. She paid the accused 7s. 6d., and he then left and later returned with a parcel, which on being opened was found to contain a gross of packets of "Germo." On January 27 he again called at the shop, when witness gave him in charge.

**German Perfumer's Claim.**—Before the Recorder (Sir Forrest Fulton, K.C.), in the Lord Mayor's Court, last week, an application was made on behalf of E. Pond & Co., 17 Harp Lane, London, E.C., for an action to be struck out which had been brought against them by Mr. Heinrich Seidel, perfumery-manufacturer, carrying on business as Gebrüder Seidel in Germany. The claim was for the return of 247½ gross sprays, or 45l. 19s. 1d., their value, and also for 43l. 13s. 2d. for goods supplied. Mr. Given, who appeared for applicants, said that the plaintiff was not present or represented, and he therefore asked that the action should be struck out, with costs. The defendants had raised a counterclaim against the plaintiff, but they did not propose to proceed with that, and it would be withdrawn. The Recorder: Did the defendants set the action down for hearing? Mr. Given: Yes. The Recorder said he would grant the application and strike out the claim.

**Pharmacy Act, 1868.**—At the Birmingham Police Court, before the Stipendiary (Lord Ilkeston), on January 29, Carrie Cox, drug-seller, Gravelly Lane, Erdington, was summoned under Section 17 for selling laudanum in a bottle not distinctly labelled with the name of the article and her name and address as the seller. It was explained that a girl named Doris Walker had purchased threepennyworth of laudanum at the defendant's shop, and afterwards she was found groaning and apparently very ill. The laudanum-bottle was by her side, practically empty. The girl was taken to the General Hospital, where she was detained for two days. The doctor gave information to the police, and the small quantity of the liquid remaining in the bottle was sent to Mr. W. T. Rigby, F.I.C., county analyst, who found that the liquid remaining in it contained 0.7 per cent. of morphine. The defendant stated in evidence that what she gave the girl was spirit of camphor, with about twelve drops of laudanum. The Stipendiary said he was satisfied there was a sale under conditions not in accordance with the Act, and imposed a fine of 40s., and costs.

**Empty Syphons: Running Accounts.**—At Oxford County Court, before Judge F. R. J. Radcliffe, K.C., on February 1, Charles Underhill & Co., grocers and spirit-merchants, Oxford, sued Stanley Clegg, pharmacist, 71 High Street, Oxford, for 6l. 6s., value of empty syphons. It appeared from the evidence that the plaintiffs had obtained soda-water in syphons from defendant and his predecessors on an arrangement by which syphons were paid for and credited on return. At the end of the June quarter plaintiffs got an account showing a credit balance of 6l. 6s. 0½d., increased later to 7l. 10s., which they agreed with. On November 16 the defendant wrote explaining that the plaintiffs had received and paid for 2,641 syphons, but had returned 2,707, or sixty-six more than they had paid for. Mr. Clegg added: "I must therefore deduct the value of those returned in excess from the amount which appears as a credit balance in your account. The deduction of this amount—viz., sixty-six syphons at 2s. each—from your claim of 7l. 10s., reduces it to one of 18s., and I have pleasure in enclosing cheque for that amount in settlement." That left a balance of 6l. 12s., now sued for. After hearing the evidence and counsel, his Honour gave judgment for the plaintiffs. He said defendant took the business as a going concern, and it included plaintiffs' running account. The man who returned the syphons had a right to keep them and not get the 2s. Defendant agreed to continue as before when the business was taken over. He took it up as a running contract on the same terms as before. Defendant: "I don't know if there was a contract. It was an absurd one if there was." His Honour: "I don't think so; I think it was a very businesslike one."

**Scottish Chemist's Money.**—Questions arising regarding a sum of 160l. left by the late Archibald MacNaught, chemist and druggist, Greenock, were brought before the Second Division of the Court of Session, Edinburgh, on January 28, in an appeal by Mr. MacNaught's trustees. The fund was claimed by the wife of Mr. Archibald Hamilton MacNaught (a son of the deceased) and Mr. R. G. Miller, C.A. (Glasgow), the trustee on Archibald MacNaught's sequestrated estate. Mrs. MacNaught obtained decree of aliment against her husband on January 20, 1912, her husband's estates were sequestrated a week later. In October and November following Mrs. MacNaught arrested funds in the hands of the trustees of her father-in-law in respect of arrears of the aliment due by her husband, and in December 1912 the trustee presented a petition in the Court of Session to make up a title to the bankrupt's interest in his father's estate, and obtained a vesting order. In respect of that order he claimed the fund in question. Mrs. MacNaught claimed the fund in respect of her prior arrestments. The Sheriff-Substitute in Glasgow Sheriff Court ranked Mrs. MacNaught to 130l. and ranked the trustee to the balance—30l. The trustee appealed, and the Appeal Court came to the same conclusion, and found the trustee liable in expenses. Lord Salvesen, who gave the leading opinion of the Court, said that, while the question as to the rights of the competing claimants might have been one of very general importance if the Bankruptcy Act of 1856 had remained in operation, it was very unlikely to recur, owing to the fact that a statute had been passed recently which, he understood from counsel on both sides, would obviate any such question for the future.

**"Lysol" Trade-marks.**—At the Nottingham Guildhall on February 3, before Mr. T. B. Gascoigne, Mr. A. E. Blake, and Mr. A. Armitage, Boot's Pure Drug Co., Ltd., Nottingham, brought ten summonses against Charles Zimmermann & Co. (Chemicals), Ltd., St. Mary-at-Hill, London, E.C.—five for applying to certain goods a false trade description, and five others for selling those goods on



September 5, October 14, October 16, October 27, and December 17. Mr. A. H. Bodkin, instructed by McKenna & Co., London, appeared for plaintiffs; and Mr. Diveen, instructed by Moodie & Sons, London, for defendants. Mr. Bodkin explained that the summonses were under the Merchandise Marks Act, 1887. Up to October 29 "Lysol" was the registered trade-mark 98,948, and along with it, and still existing, was the trade-mark device consisting of a triangle, which bore in the centre the word "Lysol" and number 98,947. Following a Board of Trade inquiry the trade-mark word "Lysol" had been avoided, but no one had a right to use the triangular device, and if the defendants applied it to their own goods they were either keeping alive the goodwill of the business for the benefit of Schulke & Mayr, so that this firm could make it for their own gain when the war was over, or they were representing Schulke & Mayr's trade-marks so as to get first in the field and to lead the public to think that the continuity of supplies was being maintained. Sir Jesse Boot, chairman and managing director of the company, then gave evidence in support of Mr. Bodkin's statement, and correspondence between the company and the defendants was put in. In the course of this the defendants' solicitors stated that from the end of September Schulke & Mayr's trade-mark had not been used on a single bottle, and they threatened a claim for heavy damages. In response, Sir Jesse Boot wrote to say they would accept the service, and that Messrs. Moodie had obviously been inaccurately informed as to the last date on which the trade-mark was used. To Mr. Diveen's suggestion that he was actuated by a desire to make a profit rather than by patriotism, Sir Jesse Boot replied that he had the support of a large number of British manufacturers. For the defence, Mr. Charles Zimmermann spoke to receiving a telegram from Hamburg just before war broke out to go on making lysol as best he could in England. He had no other authority to do so, but considered he had a right, inasmuch as it was his money which had been expended in advertising lysol in England. He did not intend by the new bottles and labels to convey the impression that the article had been manufactured in Germany, as no one would dream of doing so at present. Mr. S. H. Marshall, manager of the lysol department for Messrs. Zimmermann, also gave evidence, and, after a brief retirement of the Magistrates, the Chairman said on returning: "We have carefully considered this matter, and we are unanimously of opinion that the summonses should be dismissed." The hearing lasted from 11 A.M. to 6 P.M.

### High Court Cases.

Unless when otherwise stated these cases have been heard in the High Court of Justice, London.

#### "PHOSFERINE" CASE.

In the Chancery Division on January 29, Mr. Justice Sargant had before him a motion by Ashton & Parsons, Ltd., manufacturers of Phosferine, for an injunction to restrain Edmund Dart, trading as the Dart Remedy Company at Leicester, from passing off his "Phosph Tonic" as being in fact the same preparation as that of the plaintiff company.

Mr. G. Hunter Grey, for the plaintiffs, said the defendant did not appear, and had filed no evidence in reply to his clients' affidavits. He had three shops in Leicester—Charnwood Street, Welford Road, and Belgrave Gate—at which he sold his tonic, and he also used a stall in the market-place, and exhibited and puffed his wares from the top of a trap. He also sold pills as Beecham's pills, and others as Carter's Little Liver-pills, but so far as this case was concerned, he (counsel) only objected to the sale of the bottle labelled "Phosph Tonic" to people who were under the impression that "Phosph Tonic" is the same as "Phosferine." In answer to his Lordship, Mr. Grey said "Phosferine" is not a registered trade-mark. That was why the action was in form a passing-off action, and why plaintiffs did not seek relief in respect of a trade-mark.

Counsel then read the affidavit of Mr. F. J. Cakebread, general manager of the plaintiff company, who has been associated with the plaintiffs for thirty-nine years. The affidavit stated that the word "Phosferine" was claimed on behalf of the plaintiffs in 1870, and their tonic had been extensively advertised in that name.

His Lordship: It will require very strong evidence to convince me that the word Phosferine means exclusively something that is a preparation of the plaintiff company.

I should think that the word meant "a preparation containing phosphorus."

Mr. Grey: No one except the plaintiff company sells a nerve-tonic under that name. Continuing, counsel said that the affidavit of Mr. Cakebread further stated that unless the defendant were restrained from such acts the plaintiffs' trade would be injured.

Mr. Evans Jackson in an affidavit, said that he saw in the market square at Leicester a blackboard on which the word "Phosferine" was written. He heard the defendant state that Phosferine was one of the best-known tonics in the market, and that he had the original and genuine recipe for the manufacture of that tonic. Defendant also had circulars containing various recipes, and was handing out for 6d. bottles which he said contained Phosferine, and he was also giving away boxes containing what he alleged to be "Beecham's pills." There was a crowd of workpeople, and, as far as he (Mr. Jackson) could see, defendant was doing a brisk trade. Counsel also read an affidavit by Alfred Ogden, retired chemist's assistant, who wrote to the plaintiffs telling them what the defendant was doing, and that he considered out of justice to the plaintiffs, the defendant ought to be stopped. There were further affidavits by Mr. A. J. Freeman, a manufacturer's clerk, and Miss Lilian Freeman, a tailoress, the latter of whom went at different times to defendant's three shops with a paper prepared by Mr. Freeman, by the help of which she obtained bottles of the defendant's tonic. The assistant who sold her the "Phosph Tonic" remarked that the tonic was sold as "Phosph Tonic." Concluding, Mr. Grey submitted that the evidence proved a clear attempt on the part of the defendant to deceive, and to sell his goods as and for the goods of the plaintiffs.

His Lordship, giving judgment, said: I think here the evidence clearly shows that the defendant has been selling a good deal of this precious preparation called "Phosph Tonic," not really as "Phosferine," but as Phosph, a well-known tonic prepared by the plaintiffs, and in view of that fact I think that I can grant an injunction until the hearing of the action in the terms of the notice of motion.

#### SCOTTISH DRUG ACCOUNTS COMMITTEE.

In the Court of Session, Edinburgh, on February 2, Lord Aberdeen heard counsel in an application by the Insurance Committee for the Burgh of Glasgow to restrain the Scottish Insurance Commissioners from taking steps to carry into effect the National Health Insurance (Drug Accounts Committee) Regulations (Scotland) 1914, made by the Commissioners under the National Insurance Act, 1911, and dated December 19, 1914, and from authorising the laying of the regulations before the Houses of Parliament. For the applicants a statement was submitted substantially as follows:

By Section 14 (1) of the 1911 Act it is provided that Medical Benefit shall in all cases be administered by and through the Insurance Committees. Section 15 (5) provides that every Insurance Committee shall make provision for the supply of proper and sufficient drugs and medicines and prescribed appliances to insured persons in accordance with the Regulations. These Regulations have provided, *inter alia*, for agreements being between the Insurance Committees and chemists or other persons for the supply of drugs and appliances at specified prices, and for the method under which the persons supplying drugs and appliances are to be paid.

The Glasgow Committee have provided for a careful and systematic check of the accounts for drugs and appliances which fall to be paid out of the Drug Fund. Similar provision has been made by other Insurance Committees representing large and important areas. In October 1914 the Commissioners proposed to a meeting of representatives of Insurance Committees to establish a central checking-office for the whole of Scotland. The Glasgow Committee objected, as it involved an interference with the Committee's administration within their area. Similar objections were intimated by other Insurance Committees throughout Scotland.

The Commissioners in December 1914 issued a circular letter to the Committees, intimating that they had resolved, under Section 59 (5) of the 1911 Act, to require Insurance Committees in Scotland to combine as from January 1, 1915, for the purpose of establishing a Central Drug



Accounts Committee, and on December 19, 1914, issued regulations to this effect. The applicants submitted that the action of the Commissioners is *ultra vires* in respect that it interferes with the scheme of administration of Medical Benefit provided by the statutes, and constitutes an invasion of the statutory jurisdiction and rights of the Insurance Committees. Further, that the Drug Accounts Committee is not a combination of Insurance Committees within the meaning of Section 59 (5), being a new and independent Committee for the constitution of which the Act contains no warrant.

By Section 65 of the 1911 Act it is provided that the Insurance Commissioners may make Regulations for carrying the first part of the Act into effect, and any Regulations so made should be laid before both Houses of Parliament as soon as may be after they are made. An action of declarator and interdict is about to be raised at the instance of the Glasgow Committee, along with various other Insurance Committees, for the purpose of having the validity of the December 19 Regulations determined; hence the present application.

Mr. Graham Robertson, for the Commissioners, said the Regulations had been sent to the Clerks of Parliament, and the matter was out of the hands of the Commissioners. The interdict should have been directed against the Clerks of Parliament. The Commissioners had already taken proceedings towards the formation of the new Committee under the Regulations on the assumption that they were valid. He submitted that the appropriate place for objection to be taken to the Regulations was Parliament.

Mr. Clyde, K.C., M.P., for the Glasgow Committee, stated that in the case of Lockwood the Judges in the House of Lords laid it down that once such Regulations were laid upon the table of Parliament they acquired the force of statute unless a petition was presented to the King requesting him not to sanction them. In this case such a petition was impossible, as the Government was to occupy the full time of the House during the present Session.

Lord Anderson suggested that the respondents might in the circumstances ask the authorities in London to hold their hands in the meantime.

Mr. Graham Robertson said he would prefer his Lordship to order him to do so.

Lord Anderson ordained the Insurance Commissioners to recall, cancel, and countermand any directions or requests given by them either directly or indirectly for laying the Regulations before both or either of the Houses of Parliament. His Lordship said he thought it was only right to stop the further procedure of these Regulations through the Houses of Parliament, because it was quite clear on the case of Lockwood that Mr. Clyde's clients would be debarred from having the legal question tried if the Regulations were laid on the table of Parliament. According to the opinion of certain of the Judges in the case of Lockwood once Regulations of this character receive the *imprimatur* of Parliament they become in fact part of the Act of Parliament under the authority of which they were framed. The legal question to be tried here was more appropriate for a Court of Law than for the House of Commons.

London; F. W. Branson, F.I.C., Leeds; J. W. Towers, Widnes; J. George, London; J. R. Griffin, London; H. S. Shorthouse, Birmingham; E. Preston, Ph.C., Sheffield; S. Belcher, Birmingham; and H. G. Jarman, London. C. A. Mereer is the first chairman. The members of the Committee are F. W. Branson, J. W. Towers, J. George, J. R. Griffin, H. S. Shorthouse, E. Preston, S. Belcher, H. G. Jarman, and C. A. Mereer. Solicitors: McKenna & Co., 31-34 Basinghall Street, E.C.

## Company News.

**BOVRIL, LTD.**—The directors recommend the following dividends for the second half of 1914: On the preference shares, 5½ per cent. per annum; on the ordinary shares, 9 per cent. per annum (making 7 per cent. for the year), less income-tax; and 6d. per share on the deferred shares for 1914, free of income-tax. They recommend adding 17,500l. to reserve, leaving 2,905l. to be carried forward.

**PEARSONS (CASH CHEMISTS), LTD.**—On January 29 Mr. Justice Astbury, in the Chancery Division of the High Court, London, appointed a receiver and manager of the business of Pearsons (Cash Chemists), Ltd., of Aberfan, Rhondda Valley, with liberty to act at once. It was stated that a receiver had been appointed out of court, but he could not act owing to the attitude taken by the company, who refused permission for him to enter. The company did not oppose the application. (See *C. & D.*, January 30, p. 121.)

**G. B. KENT & SONS, LTD.** The report of the directors for the year ended September 30, 1914, states that, after allowing for bad and doubtful debts, depreciation, etc., there is a balance of profit of 10,499l., to which the balance brought forward and transfer-fees have to be added. On the other hand, there have to be deducted interest on mortgages and loans, income-tax, and directors' fees, also interim dividend on the preference shares duly paid, leaving a balance of 6,205l. for distribution. The report adds that the result of the declaration of war was an immediate and serious advance in the price of bristles, the supplies of the principal sorts of which showed signs of being immediately cut off. This has been remedied to a certain extent by the action of the Board of Trade, and the company is now working overtime on Government contracts. The board has paid the usual half-yearly dividend on the preference shares, placed 500l. to reserve, and paid the life-directors' fees (2,034l.), thus absorbing 5,055l., leaving 1,150l. to be carried forward.

**T. & H. SMITH, LTD.**—The annual report for the year ended September 30, 1914, states that the profit for the year, after charging debenture interest and directors' fees, and providing for all known liabilities, amounts to 14,814l. 18s. 11d., to which is added balance brought forward from last year, 1,626l. 15s. 5d., making a total of 16,441l. 14s. 4d. After deducting interim dividend paid on the preference shares for the half-year to March 31, 1914 (1,584l. 7s. 6d.) there is a balance at credit of profit-and-loss account of 14,857l. 6s. 10d., which is to be applied as follows: In paying the dividend on the preference shares in respect of the half-year to September 30, 1914, 1,584l. 7s. 6d.; in paying a dividend on the ordinary shares in respect of the year to September 30, 1914, of 7½ per cent. per annum, free of tax, 4,875l.; in setting aside a bonus of 1,250l.; in placing to reserve fund (making the sum at credit of this fund 17,500l.) 5,000l. This leaves a balance of 2,147l. 19s. 4d. to be carried forward to next year. The stocks have been valued on a conservative basis, and ample provision has been made for bad and doubtful debts.

## Limited Companies.

### New Companies Registered.

P.C. means Private Company and R.O. Registered Office.

**STACKHOUSE & CO., LTD. (P.C.)**—Capital 2,500l., in 1l. shares. Objects: To take over the business carried on at the Premier Spice Mills, Hulme, Manchester, to carry on the business of drysalers, chemists, druggists, etc., and to adopt an agreement with H. Stackhouse, jun., and T. Stackhouse. The first directors are H. Stackhouse, jun., T. Stackhouse, F. W. Pott, and F. Kaill.

**BRITISH LABORATORY WARE ASSOCIATION, LTD.**—Registered on January 29, with 100 members, each liable for 10l. in the event of winding-up. Objects: To protect the interests of British manufacturers of and dealers in goods made of glass and porcelain, filter-paper, general laboratory ware, and other laboratory requisites, and to take over the business carried on under the style of the British Laboratory Ware Committee. The subscribers are C. A. Mereer,

## Births.

Authenticated notices are inserted without charge.

**HARDY.**—At 16 Kirkliston Drive, Bloomfield, Belfast, on January 28, the wife of W. J. Hardy, Ph.C., of a daughter.

**MORGAN.**—At Penrhyn Avenue, Rhos-on-Sea, on January 22, the wife of H. B. Morgan, Ph.C., late of Blundell-sands, and formerly in Cloughton, Rome, and China, of a daughter.

## Marriage.

Authenticated notices are inserted without charge.

**BARTER-CROSS.**—At St. Luke's Church, Finchley, on January 18, Stanley William Barter, chemist and druggist, youngest son of the late H. H. Barter and Mrs. Barter, Leighton Buzzard, to Melina May, youngest daughter of Mr. and Mrs. Henry Cross, Malvern.



## Deaths.

Authenticated notices are inserted without charge.

**BRADLEY.**—At Sunnyside, College Road, Whalley Range, Manchester, on January 28, Mr. Nathaniel Bradley, J.P., F.C.S., head of N. Bradley & Sons and chairman of the directors of Nathaniel Bradley, Ltd., Chapman Street, Hulme, aged eighty-five. Mr. Bradley was at one time associated with the Inland Revenue. He was a life member of the Chemical Society, of which he was elected a Fellow in 1876. He was highly esteemed as a Magistrate in Manchester, and at the first meeting of the Justices after his death appreciative references to him were made.

**CARPENTER.**—At 30 Buckingham Mansions, West Hampstead, on February 1, Mr. Russell Forbes Carpenter, F.I.C., late Chief Inspector of Alkali-works. Mr. Carpenter had been ailing for some time, and in consequence of his illness retired from his official position in April 1910, when he was succeeded by Mr. W. S. Curphey, F.I.C. Mr. Carpenter was the son of the late Dr. W. B. Carpenter, C.B., F.R.S., and became an Assistant Inspector of Alkali-works under Mr. A. E. Fletcher, whom he succeeded as Chief Inspector in 1895. Mr. Carpenter was a quiet and retiring man, and fulfilled the duties of his office in a courteous and effective manner. He was an original member of the Society of Chemical Industry, and had been a Fellow of the Institute of Chemistry since its foundation, and was a member of the Council and a Censor between 1907 and 1909.

**CARTER.**—At Dakar, West Coast of Africa, on January 24, from fever, Mr. William S. Carter, L.R.C.S.I., surgeon on board the steamship *Ebor*, eldest son of Mr. R. J. Carter, Ph.C., the Medical Hall, Naas, co. Kildare.

**COOPER.**—At Shenstone Court, Lichfield, on January 30, Lady Cooper, widow of Sir Richard Powell Cooper, Bart., aged sixty-six. Sir Richard, who died in 1913, was the head of the firm of W. Cooper & Nephews, sheep-dip manufacturers, Berkhamsted.

**DAVIS.**—At the Military Hospital, Denmark Hill, London, on January 21, Alexander H. Davis, son of Mr. Henry J. Davis, chemist and druggist, 37 Northwood Street, Newbury, aged twenty-five. Mr. A. H. Davis was a member of the London Artists' Corps.

**DOBLE.**—At "Goonvrea," Whitchurch Road, Tavistock, on January 27, Mr. Henry Tregallas Doble, chemist and druggist, aged eighty-five. Mr. Doble was in business before August 1, 1868, and conducted a pharmacy at Tavistock for many years. He was a former Chairman of Tavistock Urban District Council. The funeral took place on January 30.

**FEATHERSTONE.**—At 15 Sefton Avenue, Congleton, Cheshire, on January 19, Mr. Robert Thorne Featherstone, chemist and druggist, aged fifty-two. Mr. Featherstone was formerly in business at Market Square, Tunstall, Stoke-on-Trent.

**JONES.**—At "Westbourne," Gravelly Hill, Birmingham, on January 26, Mr. Henry Williams Jones, F.C.S., chemist and druggist, formerly a director of Wyleys, Ltd., Coventry, and latterly scientific adviser to the Dunlop Rubber Co., Ltd., aged sixty-three.



MR. H. W. JONES.

ceeded to the Major, but within a good work in pharmaceutical chemistry, and in 1878 was elected a Fellow of the Chemical Society. At that time he had charge of Southall Bros. & Barclay's research laboratories in Birmingham, and it was under him in these laboratories that Professor W. Palmer Wynne, F.R.S., had his early training in practical chemistry. When Mr. Jones left for Coventry he was succeeded by Mr. David Hooper. While in Birmingham Mr.

Jones identified himself closely with the local Pharmaceutical Association, to which a goodly part of his work was communicated. He continued this interest when he went to Coventry, became President of the Association, and on his retirement from business a few years ago was elected a life member. His last communication to the Association was on Wootton's "Chronicles of Pharmacy" in December 1910. We recall the fact that Mr. Jones was an occasional contributor to *THE CHEMIST AND DRUGGIST*, and "The Art of Pharmacy," published as the special treatise of our 1888 *Diary*, contained a number of useful notes by him. The funeral took place on Saturday, January 30, at Erdington Parish Church, when among those present were Professor Palmer Wynne, Dr. D. F. Twiss, and Mr. Fletcher (Wyleys, Ltd.); the Birmingham Pharmaceutical Association being represented by their President (Mr. E. W. Mann, B.Sc., F.I.C.) and the Vice-President (Mr. J. A. Radford). We are indebted to Mr. F. H. Alcock for the following appreciation of Mr. Jones:

The death of Mr. Henry Williams Jones, F.C.S., F.R.M.S., is a loss to British pharmacy which he adorned. He was a many-sided man, and whatever subject he touched he always left it much better than when he took it up—in pharmacy, chemistry, photography, and microscopy. Curio-hunting, and latterly Bibliography, were among his studies and hobbies. Especially was he an expert in the matter of Japanese lacquered ware, and an authority and large possessor of Chippendale furniture. He was chemist to Southall Bros. & Barclay at a time when many men who afterwards became famous were with them. Among these was Dr. Palmer Wynne, who has publicly as well as privately, acknowledged his indebtedness to Mr. Jones. It was characteristic of Mr. Jones that in the latter three years of his life spent with the Dunlop Rubber Co. he mastered the subject of rubber, and established for the company magnificent laboratories with a system of scientific supervision of the manufactures. He had in contemplation a book on the chemistry of rubber, which his unexpected death has deprived us of. Mr. Jones was naturally shy, reserved, and most modest, yet to his friends he was free and open, an excellent *raconteur*, and his cheeriness one can never forget. As a pharmacist we owe him much, and out of many contributions to the improvement of pharmaceutical processes perhaps the most familiar is the preparation of syr. ferri phosph. from metallic iron, which he introduced in 1875, when he was twenty-three years old. His son is a medical practitioner in practice at Aldridge, Staffs.

**FINK.**—At "Kenchester," Epsom, on February 1, Mr. Frederick Fink, founder of the business of Fredk. Fink & Co., 10 and 11 Mincing Lane, London, E.C., aged seventy-three. Mr. Fink had been established in business in the City since 1867 as a general merchant, chiefly devoting himself to gums, waxes, drugs, and similar produce. It appears that Mr. Fink was on holiday on the Continent when war was declared, and it was only after great hardship and difficulty that he found his way back to England. This shock no doubt hastened his death, which was due to an attack of pleurisy after an illness of about two months. Mr. Fink was much respected in Mincing Lane, and his death came as a shock to his friends. The business will be carried on without interruption under the same firm-name.

**GERRARD.**—At Leicester, on January 25, Mr. William Brown Gerrard, of Kirkwall, Orkney. Mr. Gerrard was an old and valued servant of John Richardson & Co., Ltd., having held an important position in the offices of the company for upwards of thirty years.

**RIDGWELL.**—At Streatham, London, S.W., on January 29, Mr. John Bennett Ridgwell, aged sixty-eight. For over thirty-five years Mr. Ridgwell was associated with Heaton, Squire & Francis, Southwark Street, London, S.E., and became one of the directors when the business was formed into a company in 1899. When it was incorporated in The British Drug Houses, Ltd., a few years later Mr. Ridgwell was appointed secretary of the company, and filled that position with unswerving fidelity and unflagging zeal. He was well known to many pharmacists with whom he had business relations, and was held in the highest esteem by the Francis family, whom he had long and faithfully served. Mr. Ridgwell was a man of charming courtesy, kindly disposition, and exceedingly conscientious in everything that he undertook. Mr. Alan Francis and Mr. W. A. H. Naylor attended the funeral as representatives of The British Drug Houses, Ltd.

**SEATON.**—Mr. Robert Cooper Seaton, who was well known to classical scholars as the editor and translator of "Apolonius Rhodius," who died at Reigate on January 27, in his sixty-third year, was the son of the late Alderman J. L. Seaton, formerly Mayor of Hull, who was for some years a pharmacist in that town, and later an oil-refiner of some repute.

### Killed in Action.

**FRASER.**—On active service, in the North Sea, Lieutenant-Commander William St. John Fraser, R.N., son of Sir Thomas R. Fraser, M.D., Professor of Materia Medica and Clinical Medicine in the University of Edinburgh, aged thirty-one.



## Trade Notes.

**WATER-STERILISING TABLETS** are wanted just now. Arthur H. Cox & Co., Ltd., Brighton, offer them.

**LYSOL (EVANS)**—The wholesale price of the gallon tins of this product is 7s., not 11s. as erroneously stated in Our Town Traveller's note last week (p. 166).

**NEW COD-LIVER OIL**—Evans Sons Lescher & Webb, Ltd., Liverpool and London, invite inquiries for quotations for 1915 cod-liver oil. The company is also offering new arrivals of olive oil.

**PHILIP JOSEPHS & SONS, LTD.**, shopfitters, 93 Old Street, London, E.C., announce their annual bargain sale, when any chemist who contemplates additions to his shop-fittings will have an opportunity of securing some excellent cash bargains.

**EGG-PRESERVING**—Tomlinson & Hayward, Ltd., Lincoln, as pioneers in the preservation of eggs with waterglass, make an interesting announcement in this issue, showing chemists how to do profitable business in their product. They state that 75 per cent. of chemists handle it.

**FICOLAX FEBRUARY**—The British Drug Houses, Ltd., Graham Street, City Road, London, N., received such a large response to the special offer of Ficolax, the announcement of which was made in the *C. & D.* last week, that it has been decided to extend the offer for another week.

**VENESTA KEGS** are a perfect packing for aniline dyes, which need special precautions when sent out from the factory. Venesta, Ltd., 1 Great Tower Street, London, E.C., mention this use in their advertisement in this number as an instance of the many uses to which the Venesta kegs are applicable.

**WINDOW-DISPLAY** is much assisted by the use of modern window-fittings. Samuel Haskins & Bros., Ltd., shopfitters, 20-34 Old Street, London, E.C., illustrate in their advertisement an attractive centrepiece for the window, and offer to send a descriptive leaflet of these goods to any chemist who writes to them.

**PAPAIN DEGA**—Following our article on "Papain: Its Production and Commerce" last week, Charles Zimmermann & Co. (Chemicals), Ltd., inform us that they are now placing on the market a new form of papain—viz., Papain "Dega"—which they specially recommend as a fibrin-digesting ferment. It is issued in 1-oz. and 4-oz. bottles, as well as in bulk.

**ICHTHYOL-SUBSTITUTE**—The cessation of the supplies of ichthyol from Germany, and consequent enhancement in the price, has called attention to similar preparations. Saurole is a Swiss product obtained from bituminous schists mined at Méride and Besano, and for which Boghé & Chiapetta, 29 Via Crema, Milan, are sales-agents. The product is advertised in this issue.

**SOAP PRICE-LIST**—D. & W. Gibbs, Ltd., City Soap-works, Wapping, London, E., send us a copy of a new price-list of toilet-soap. It is produced in an artistic manner, and the illustrations of the various soaps and packages are in colour-photographic work, and reproductions of several showcards are also included. The list gives an idea of the wide range of toilet-soaps which this business manufacture, the foundation of which dates back to 1712. A copy of the list is being sent to all chemists in the United Kingdom.

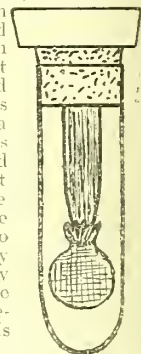
**NEW CONTAINERS**—Vessels of impermeable paper have for some time been employed as cream-containers, with the advantages of lightness and perfect hygienic principles. The use of these vessels is now extending to the drug-trade, and this issue contains an advertisement of Cream Mugs, Ltd., Christopher Works, Chalton Street, St. Pancras, London, N.W., who have established the industry in this country. As containers for ointments, skin-creams, and confections these impermeable vessels have several advantages over earthenware or porcelain. The company invite applications for samples and particulars.

**PEPTONE FOR BACTERIOLOGICAL** and other purposes has been exceedingly scarce since the war began. Fairchild Bros. & Foster, New York, as makers of it, took steps to send supplies here, and after some delay, owing to shipping difficulties, stocks have been received. We have had an opportunity of examining the product, and find it to be physically a better peptone than has hitherto been imported from Germany. It is a white powder, soluble in water, and only slightly bitter, showing that the peptonising-process has been well controlled. Peptone is largely employed in bacteriological work, and in some technical processes, as well as a

nutrient. The Fairchild product is well suited for all these purposes, and pharmacists can get it in  $\frac{1}{4}$ -lb.,  $\frac{1}{2}$ -lb., and 1-lb. bottles, while larger users who want bulk quantities can obtain quotations on application to Fairchild Bros. & Foster, 64-65 Holborn Viaduct, London, E.C., or their agents, Burroughs Wellcome & Co.

**"BRITISH JOURNAL PHOTOGRAPHIC ALMANAC"**—The issue for 1915 of this well-known annual was published on January 30 by Henry Greenwood & Co., Ltd., 24 Wellington Street, Strand, London, W.C. It contains 1,066 pages, and sells at 1s. (paper) and 2s. (cloth). It is interesting to note that the effect of the European war upon photographic supplies has been instrumental in starting in this country the manufacture of certain goods the sole source of supply of which up to the war had been Germany. The special articles deal with enlarging and photography with the microscope, the other features—epitome of progress, formulae, etc.—being maintained. The numerous advertisements are not the least interesting part of the work, and have an important influence in stimulating the photographic public. It is for this reason that the photographic chemist should show some copies of the work on the counter, and introduce it to the notice of beginners.

**ASEPTULES OF IODINE**, introduced by Oppenheimer, Son & Co., Ltd., 179 Queen Victoria Street, London, E.C., are being used by the British and Allied Forces in the present war for treatment of wounds, and are in some respects an improvement upon ampoules, especially in regard to the fact that the aseptule can be employed for repeated applications. The aseptule consists of a glass tube  $1\frac{1}{2}$  in. long by  $\frac{1}{2}$  in. diameter, with a strong boxwood-topped cork, in which a glass rod is securely fixed, and the end of the rod has on it (also well fixed) a ball of absorbent material covered with fabric (see figure). The tube contains tincture of iodine, and in this the ball remains, so that it is always ready to treat a wounded surface. The cork is, we may explain, made impervious to the tincture by treatment with special wax. Each aseptule is enclosed in a cardboard case, which prevents breakage. The idea as a whole is a step in advance.



**THE FRAME FOOD Co.**, Standen Road, Southfields, London, S.W., are issuing three new and attractive showcards, which chemists can obtain from them on request. One is a picture of a bright and cheerful-looking baby having its bottle of Frame Food. It measures 13 in. by 10½ in., and can be used as an easel or to hang up. The baby is cut out. Another card is 20 in. by 15 in., and is a fine landscape, with three plump and happy babies swinging from the bough of a tree, suspended by their crib-blankets, which are tied with blue ribbon in true-lovers' knots. The babies sit in beds of forget-me-nots, the blue tone of which is characteristic of this picture, which is beautifully printed in colours. Our small reproduction of it is only intended to show the design. A third card, measuring 15 in. by 9½ in., is of a charming serving-maid with a small breakfast tray in her hand. She says, "Please, here is your Frame-Food Cocoa." All these cards are well worth having and showing.



MR. OCTAVIUS CHARLES BEALE read a paper on "Expansion of British Industry after the War" to the Society of Arts on Wednesday evening, February 3.

WILLIAM HENRY LAMACRAFT, residing and carrying on business as a druggist under the style of W. Lamacraft & Co. at 80 Derwent Street, Blackhill, was examined at the Newcastle Bankruptcy Court on January 23 on a statement showing gross liabilities 1911. 1s. 2d., and assets 79l. 16s. 8d. The examination was adjourned until February 11, in order that debtor might furnish a full and detailed account of all his transactions with his manager.



## Insurance Act Dispensing.

A Record of matters concerning Chemists' interests in the National Health Insurance Acts.

### Deputation to the Commissioners.

The pharmaceutical deputation to the National Health Insurance Commissioners took place on January 27. The deputation consisted of Mr. E. White (President of the Pharmaceutical Society), Mr. E. T. Neathercoat (Vice-President), Mr. W. J. Uglov Woolcock (Secretary), Mr. W. S. Glyn-Jones, M.P. (Parliamentary Secretary), Mr. A. J. Chater (Assistant Secretary), Mr. J. Rutherford Hill (Secretary in Scotland), and Messrs. J. W. Deakin, L. Joseph, H. Kemp, P. F. Rowsell, F. P. Sargeant, W. B. Trick, E. S. Waring, and J. P. Gilmour. The Commissioners and officials present included Sir Robert Morant, Dr. Smith Whitaker, Mr. S. P. Vivian, Mr. J. Anderson, Mr. J. Rae, Dr. McCleary, and Dr. Adams.

*Administration Expenses of Pharmaceutical Committees.*—Mr. Rowsell introduced this subject and emphasised and extended the points set forth in the printed statement submitted to the Commissioners. Mr. Rowsell's remarks were supported by Mr. Joseph, Mr. Deakin, and Mr. Kemp; and Mr. Glyn-Jones and Mr. Woolcock replied to inquiries raised by the Chairman, Mr. Vivian, and Dr. Smith Whitaker. The Commissioners indicated that the views of the deputation would receive sympathetic consideration.

*Dispensing in Rural Areas.*—Mr. Deakin explained pithily the position in the county of Cheshire, and illustrated by examples the arguments advanced in the printed statement furnished to the Commissioners. The Commissioners appeared to be impressed with the need for an alteration in the method of determining under what circumstances a panel practitioner should be allowed to dispense for an insured person.

*Delay in Payment of Chemists' Accounts.*—The President pointed out that the position referred to in the printed statement had been to some extent ameliorated in a few instances. Mr. Joseph then amplified the statement and referred to the very long periods to which even the best-organised areas are subjected before settlements are made. The Commissioners noted the points made, but expressed the view that so long as the element of uncertainty remained in the administration of medical benefit—i.e., the possibility of discounting—so long would it be impossible to avoid delay in the settlement of chemists' accounts.

*Mixtures Commonly Prescribed.*—Mr. Sargeant urged the views of pharmacists in regard to stock mixtures, both from the point of view of medical and pharmaceutical ethics, and from the standpoint of remuneration for services rendered. Other members of the deputation supported him, and Mr. Glyn-Jones sought to obtain a ruling that the Commissioners' clause in I.C. 49 did not give to Panel Committees the sole power of deciding upon the adoption of a local Formulary. The Commissioners, however, held in unequivocal terms that the clause did give the Panel Committees the exclusive right to adopt or not to adopt a local Formulary, and that during the currency of the existing agreements no alteration of the position was possible. It was hinted, however, that the period during which the agreements could not be revised need not necessarily mean the whole of the present medical year.

[The absence of Mr. Masterman is apparently an explanation of the statement made officially to our representative that no arrangements had been made by the Government Department for the reception by Mr. Masterman of any deputation from the Pharmaceutical Society.—EDITOR C. & D.]

### Inquiry about a Drug Company.

A Committee of Inquiry appointed by the Insurance Commissioners sat at the offices of the Commission, Buckingham Gate, London, S.W., on January 30, to hear a representation by the West Ham Insurance Committee that the continuance on the panel of chemists of the Bow Drug-stores, Ltd., 39 Devon's Road, West Ham, would be prejudicial

to the efficiency of the pharmaceutical service under the Act. The Committee of Inquiry consisted of Mr. J. Fischer Williams, barrister, Chairman; Mr. Philip F. Rowsell, Exeter; and Mr. Kelland, a member of the Middlesex Insurance Committee. Mr. Clark, the Clerk to the West Ham Insurance Committee, conducted the case for the complainants, and Mr. Daybell, solicitor, appeared on behalf of the Bow Drug-stores, Ltd., and Mr. W. H. Lawrence, the proprietor thereof.

Mr. Clark, in opening his case, stated that Mr. Lawrence is practically the sole shareholder of the Bow Drug-stores, Ltd. The complaint was that the defendant company dispensed medicines, including medicines containing poisons, for insured persons at an address at which they were not entitled to dispense—viz., Portway Drug-stores, West Ham, of which Mr. Lawrence is also proprietor—contrary to the terms of their agreement, and included charges for same in their accounts to the Insurance Committee. Also that Mr. Lawrence gave prescriptions dispensed by him at the Portway Drug-stores to a qualified chemist on the panel, and received payment for them from this chemist, who passed them through his account against the Insurance Committee. Mr. Clark explained that in December 1912 the West Ham Insurance Committee entered into an agreement with the Bow Drug-stores, Ltd., which, since the operation of the Insurance Act, has been under qualified management, to supply medicines and appliances to the insured. An agreement was also entered into with the Portway Drug-stores, which was managed by Mr. Lawrence, for the supply of the excepted drugs and appliances. In July 1913 the Committee received an account from Mr. Lawrence for drugs supplied at the Portway Drug-stores, and the account included certain items which required to be dispensed, and certain of the prescriptions also contained scheduled poisons. These items were disallowed, and it was explained to Mr. Lawrence that he was not permitted to dispense. In December 1913 the agreement with the Bow Drug-stores was renewed, and on December 16, 1913, Mr. Lawrence visited him (the Clerk), and explained that it was his intention to convert his business at Portway Drug-stores into a limited liability company. He inquired how that would affect his agreement with the Insurance Committee. It was explained to him that only a qualified chemist is eligible to be placed on the panel as a dispensing contractor, and that he should contract for the supply of drugs and appliances only. This Mr. Lawrence agreed to do. On February 10, 1914, the Insurance Committee received from the Bow Drug-stores, Ltd., an account which included five prescriptions (value about 2s. 9d.) which had been dispensed at the Portway Drug-stores. It was pointed out to Mr. Lawrence that this was not in order, and Mr. Lawrence then withdrew all claims. In July 1914 he (the Clerk) received a letter from Mr. Joseph Reid, chemist and druggist, 32 Church Street, West Ham, advising him that twenty-four prescriptions, which had not been dispensed by him, had inadvertently got into his account for March, and asking that the value (14s. 6½d.) should be debited against him. On inquiry it was found that these prescriptions had been dispensed at the Portway Drug-stores, and, when asked for an explanation, Mr. Lawrence stated that he had dispensed them at the request of insured persons, who had had to wait a long time for their medicine because of the insufficiency of the pharmaceutical service in the district, and he only did so to alleviate suffering. The Insurance Committee considered this serious in view of the fact that Mr. Lawrence had previously been warned that he must not dispense Insurance prescriptions; they therefore placed the matter before the Commissioners.

Mr. Clark, in evidence, gave an account of the conversations he had had with Mr. Lawrence in regard to the matter. In answer to Mr. Daybell, he said he had found Mr. Lawrence perfectly straightforward, and that he had concealed nothing. Replying to Mr. Rowsell, he stated that there had been a qualified manager all along at the Bow Drug-stores, and also at the Portway Drug-stores since June 1914.

William Hall Lawrence was then sworn. Questioned by Mr. Daybell, he stated that he had been forty-four years in business, thirty of which had been spent in the drug-trade. There had never been any charge of any kind against him previously. He admitted supplying drugs and dispensing medicines, some of which contained poisons, contrary to his agreement with the Insurance Committee. He explained how the circumstances objected to arose, and, in reply to Mr. Clark, stated that the Insurance business at Portway Drug-stores amounted to about 25s. per week. He had no pharmaceutical qualification, but much of his experience he gained assisting a doctor. He was not local Secretary of the Incorporated Society of Pharmacy and Drug-store Proprietors, but he had attended their meetings.

Mr. Joseph Reid, chemist and druggist, examined by Mr.



Clark, stated that he has been in business at 32 Church Street, West Ham, for two years. His shop is about a quarter of a mile from the Portway Drug-stores. In February or March 1914 he got about twenty-four Insurance prescriptions from Mr. Lawrence, for which he paid 10s. His object in purchasing these was that he is often asked to dispense repeat mixtures, and when he did not have the original prescriptions he could not do so. His shop is in the centre of the shops of six unqualified men, and it places him on the same level as these when he has to refuse to dispense repeat prescriptions. The 10s. he paid to Mr. Lawrence represented what might be called the goodwill on these prescriptions, because he hoped to get the repeats in the future. It was by an oversight that they got into his account, through his having to get outside help in making up his accounts. He informed the Clerk of the Insurance Committee as soon as he discovered the mistake.

Mr. Daybell, in summing up, stated that the only effective complaint was against the Bow Drug-stores, as the complaint did not bear the name of the Portway Drug-stores. He submitted that the Bow Drug-stores had done no wrong, and that it had not been proved that the moral conduct of the business was such that it should not be retained on the panel. He further submitted that it had not been proved that the retention of the name on the panel is not in the interests of the insured, or that the prescriptions had not been properly dispensed.

Mr. Clark, concluding his case, said that the Insurance Committee felt that if they allowed this company to remain on the panel they had no guarantee that the irregularities complained of would be discontinued. They had done their best to place before Mr. Lawrence, the responsible individual, the fact that they could not allow him to go on as he had been doing, and they hoped, in the interests of the insured, that the Commissioners would support them in this.

The Chairman intimated that the Committee would report to the Commissioners, who would in due course announce their decision.

## Reports from Local Centres.

*With special reference to the supply of medicines and appliances. See also Winter Session.*

### ENGLAND.

**Bedfordshire.**—The Finance Sub-Committee reported to the Insurance Committee on January 27 that it had considered a report on the Medical Benefit Fund for 1914, and had instructed the Clerk to make advances to practitioners and chemists of 90 per cent. and 75 per cent. of their accounts respectively for the period October 12 to December 31, 1914. The chemists' accounts for the period stated amounted to 1,300l.

**Birmingham.**—At a meeting of the Pharmaceutical Committee held on January 25 it was stated that there had been considerable delay in obtaining funds from the Insurance Committee for administrative expenses; it has not yet been possible to obtain any payment on an estimate submitted on October 10, 1914. The Committee approved of the estimate of the Panel Committee for their administrative expenses for 1915 (447l.).

**Bradford.**—According to a report on the work of the Insurance Committee during 1914, the fifty-nine chemists on the panel dispensed 375,454 prescriptions (value 13,943l.), compared with 400,401 prescriptions (value 13,307l.) in 1913. Of the chemists' claims, 71.35 per cent. (9,949l.) has already been paid on account.—The Insurance Committee on January 27 decided, on the basis of a report from the Panel Committee, to surcharge five panel doctors in amounts varying from 10l. to 25l. (total 100l.) in respect of the excessive ordering of drugs by them during the year ended January 11, 1914. In two cases of alleged excessive prescribing the Panel Committee recommended that no surcharge be made, but that a warning be conveyed to the doctors concerned as to their prescribing in the future. In the remainder of the twenty-nine cases investigated the Panel Committee could find no evidence of excessive prescribing, and recommended that no action be taken.

**Bristol.**—An official report of the Insurance Committee states that 332,000 prescriptions were dispensed for insured persons during 1914.

**Burnley.**—At a meeting of the Insurance Committee on January 29 the Medical Benefit Sub-Committee reported in regard to complaints against three chemists that two of them had, under the circumstances, done all they could to get the articles required, but the third had not done so, and some blame attached to him.

**Croydon.**—A meeting of panel practitioners was held on January 20, when it was unanimously agreed to endorse

and approve of the action of the Panel Committee in introducing ten stock mixtures under the stock-mixture clause. The meeting expressed the opinion that these mixtures can be kept for a reasonable time without deterioration, and that their use would not be harmful to the insured. A resolution that it is advisable that the Panel Committee should make full use of its powers under Article 40 of the Regulations in dealing with excessive prescribing was also before the meeting, and was unanimously adopted.

**Cumberland.**—At a meeting of the Insurance Committee on January 29 it was reported that a letter had been received from the Commissioners asking whether the Committee proposed to take any action as to the checking and scrutiny of prescriptions. It was stated that the Panel and Pharmaceutical Committees do not recommend any action being taken. It was resolved to inform the Commissioners that, as there is no evidence of excessive prescribing in the area, and as the Drug Fund has hitherto proved adequate, the Committee do not propose to make any change in the present system of checking accounts. The Pharmaceutical Committee reported that for the quarter ended July 11, 1914, 23,174 prescriptions (value 944l. 12s. 2d.) were dispensed.

**East Suffolk.**—The Panel Committee at a recent meeting approved of a proposal to have a full analysis and report on prescriptions carried out by the Pharmaceutical Society at a cost of 2l. 10s. per 10,000 prescriptions.

**Hull.**—A Sub-Committee of the Insurance Committee has recommended that panel chemists should be paid up to 90 per cent. of the amounts of their accounts for 1914, excepting accounts in respect of temporary residents, Sanatorium Benefit patients, and accounts for special war-priced drugs.—The Pharmaceutical Service Sub-Committee has admonished a chemist for supplying and charging for a mixture other than that ordered. It did not appear that he acted wilfully.

**Isle of Wight.**—A report presented to the Insurance Committee on January 23 stated that the Commissioners had not yet notified the amount that would be available for Medical Benefit for 1914, and the Committee was not therefore in a position to effect a settlement with doctors and chemists for that year. Chemists' accounts for the quarter ended December 31, 1914, amounted to 396l. 2s. 2d. (406l. 12s. 8d. in the previous quarter, and 523l. 7s. 5d. in the corresponding quarter of 1913). The Committee decided to pay to doctors and chemists 80 per cent. of their accounts for the quarter ended December 31, 1914.

**Kent.**—At a meeting of the Kent Insurance Committee held on January 27, the Medical Benefit Sub-Committee reported that the question of the inadequacy of arrangements for the supply of medicines on Sundays to the insured at Gillingham had been raised. The matter had been referred to Mr. J. E. French, chemist and druggist, who reported that most of the chemists in Gillingham live over their premises, and the need for a rota does not therefore exist. The Sub-Committee, in view of this report, concluded that the necessary facilities for the supply of medicines on Sundays in Gillingham are sufficient. The report gave rise to a long discussion, and it was ultimately resolved, by the casting-vote of the Chairman, to refer the matter to the Gillingham District Committee for their opinion.

**Kesteven (Lincs.).**—The Insurance Committee on January 30 passed payments of 176l. 6s. 3d. to chemists. The Committee consider that linseed-meal can be supplied to an insured person as part of Medical Benefit.

**Leeds.**—The Insurance Committee on February 1 approved of the formation of a Joint Drug Committee, consisting of four representatives of the Committee and two representatives each from the Panel and Pharmaceutical Committees, to supervise the checking and analysis of prescriptions and chemists' accounts, subject to the full power of control remaining in the hands of the Insurance Committee. Messrs. F. P. Sargeant, J. H. Beacock, and H. Gilleghan (Secretary) have been appointed representatives of the Pharmaceutical Committee. Chemists have been paid 100 per cent. on their accounts for the period November 11, to December 31, 1914, bringing the payments for the year up to about 60 per cent.

**Liverpool.**—The Pharmaceutical Committee, in view of the probable 25-per-cent. deficit in the Drug Fund for 1914, has requested the Insurance Committee to give the matter careful consideration, with a view to the Fund being placed upon a sound basis. The Committee has decided to put Regulation 40 into operation as soon as the 1914 prescriptions are available, but as these are likely to exceed 650,000, the scrutiny and analysis will probably be lengthy and expensive.—The Insurance Committee has received from the Commissioners a letter authorising payment of their administrative expenses of the past medical year to the Panel



and Pharmaceutical Committees. Cheques have been received by chemists from the Insurance Committee for 40 per cent. on account for the last quarter of 1914, making 72.5 per cent. of the accounts rendered for the year. When the number of insured persons for 1914 is ascertained, and adjustments made for those who have enlisted, the Committee will probably be able to pay a further 10 per cent. for the last quarter, leaving a probable deficit of about 5,000/.

**London.**—At the meeting of the Insurance Committee on January 28, Mr. Kingsley Wood called attention to the Drug Fund shortage of 25 per cent., remarking that it reveals an astonishing state of affairs. Mr. E. Smith asked who would be responsible for finding the money. Was it a fact that by their contract the persons supplying drugs and appliances would be bound to accept 75 per cent., and would have no possibility of claiming the difference? If so, it was a condition of affairs that the Committee and the public should know something about. Mr. J. Crossman (Chairman of the Finance Sub-Committee) said he was ready to admit that the position was a very serious one for the chemists. They not only gave their skill, but they supplied goods for which money had been expended. Having made a contract with the chemists, the Insurance Committee ought to find some means by which they could be paid their due. Full details of the position would soon be available, when a complete report would be placed before the Committee. Mr. Woolcock said the chemists realised that the sympathy of the Committee was with them in their difficult situation. He agreed that the matter could not be discussed until complete particulars were before the meeting. The discussion then concluded, and it was understood that a full report would be presented next month.—A meeting of the Panel Committee was held on January 26, when the Pharmacy Sub-Committee reported further on representations by the Pharmaceutical Committee as to apparent excessive prescribing. In eight cases the Sub-Committee found that the prescribing was not excessive; in nineteen cases the evidence was insufficient to enable them to arrive at a decision; and in eighteen cases excessive prescribing was proved. Regarding a case in which rheumatism phylacogen, etc., had been ordered, and which had been referred back by the Committee (*C. & D.*, December 19, p. 57), the Sub-Committee adhered to its opinion that the prescribing was not excessive, stating that the practitioner had justified the prescription of the vaccines on the ground that they had proved effective in certain cases. It was urged, in answer to criticism, that doctors who ordered an expensive drug in special cases did not make so heavy a demand on the Drug Fund as those who were habitually careless.

**Middlesex.**—A meeting of the Insurance Committee was held on February 1, Mr. W. S. Glyn-Jones, M.P., presiding. The General Purposes Sub-Committee recommended, and the Committee agreed, that applications from the Panel and Pharmaceutical Committees for administrative expenses (*id.* in respect of each insured person entitled to Medical Benefit) be granted, subject to the approval of the Commissioners. The model rules for the administration of Medical Benefit submitted by the Commissioners were approved with slight modification.

**Northamptonshire.**—The Insurance Committee on January 30 accepted, subject to the approval of the Finance Sub-Committee, a recommendation of the Medical Benefit Sub-Committee that a joint arrangement between the Committee and the Panel and Pharmaceutical Committees for the checking and analysis of prescriptions be adopted, the Committee bearing one-half of the cost, and that Mr. F. W. Hill be engaged as checker at a salary of 100/ per annum. The Sanatorium Benefit Sub-Committee reported that they are of opinion that the prices and fees allowed to chemists are unduly extravagant in the case of certain medicines largely prescribed for tuberculous patients, and had notified the chemists of certain reductions in dispensing and emulsion fees to take effect as from January 1, 1915.

**Plymouth.**—The Insurance Committee on January 29 passed a resolution, brought forward by the Medical Benefit Sub-Committee, protesting against the action of the Commissioners in overruling the Committee's decision with regard to the placing of the Three Towns Friendly Societies' Medical Institute on the panel for medical treatment and the supply of drugs (*C. & D.*, January 9, p. 52). The Committee have had the Institute before them almost continuously for the past two years, and have given the matter the most exhaustive consideration, and they have come to the deliberate conclusion on several occasions that they could not recommend the Institute, being of opinion that the treatment afforded is not adequate.

**Portsmouth.**—A report on the state of the 1914 Drug Fund, presented to the Insurance Committee on January 28,

showed that the income in 1913 was 5,236/ 12s. 4d., but, owing to the war and other minor contingencies, it would probably not exceed 5,000/ for 1914. Chemists had been paid the whole of their accounts (after checking) for the first and second medical quarters of the year, and 80 per cent. of the amount claimed for the third medical quarter—in all 4,635/ 5s. Claims had been submitted for 931/ 17s. 4d. for the fourth medical quarter, and it is expected that when all the accounts are received the claims will exceed 1,000/. The Finance Sub-Committee recommended that no further payments be made to chemists pending the receipt from the Commissioners of more exact information as to the amount available for 1914. A letter was read from Mr. A. B. Sparrow (Secretary of the Pharmaceutical Committee) urging that the balance due on the third quarter's accounts should be paid as soon as possible, because of the difficulty of trading under the present war-conditions. The letter was remitted to the Finance Sub-Committee, and it was suggested that in the meantime the Clerk should write to the Commissioners and endeavour to get from them the necessary payments.—Panel chemists met on January 27, Mr. T. O. Barlow presiding over an attendance of twenty. The report of the Pharmaceutical Committee was presented, dealing chiefly with the appointment of a checker. Mr. F. G. Foster asked what was the *quid pro quo* of paying the third of the checker's salary. He apprehended danger from letting too many people know their business. Mr. Atterbury asked how the increased prices of drugs were to be met, seeing that the buff form was discontinued? Mr. H. S. Sawyer (Clerk to the Insurance Committee) gave a detailed report on the financial position of the Drug Fund. It was stated that two candidates for the position of checker have been selected to appear before the Committee on Friday, February 5. Twenty-seven applications were received.

**Salford.**—At the last meeting of the Insurance Committee it was announced that the Commissioners had received a deputation, consisting of representatives of the Panel, Pharmaceutical, and Insurance Committees, in regard to the alleged excessive prescribing in the area in 1913 (*C. & D.*, December 5, 1914, p. 54). The whole matter had been carefully sifted before the Commissioners, who, in a letter to the Insurance Committee, had laid it down that, in their investigation of any case of alleged excessive prescribing, the local Medical Committee "should consider whether, in the opinion of the Committee, it would have been possible for the doctor to have prescribed for his patients with equal efficacy at a lower cost; and in the event of the Committee being satisfied that this is the case, they would, in the Commissioners' opinion, be justified in regarding the difference between the actual and the possible cost as 'excessive' within the meaning of Article 46 of the Medical Benefit Regulations, 1912, and in reporting to the Insurance Committee accordingly." The Insurance Committee considered this a fair and reasonable criterion, but as the Commissioners' letter had been sent to the Panel and Pharmaceutical Committees, it was resolved to await the report of these Committees on the matter. The Medical Benefit Sub-Committee recommended that, as the Panel and Pharmaceutical Committees had agreed to delete from the 1915 Tariff the four aqueous tinctures (hyoscyami, opii, camph. co., and rhei co.), owing to the impossibility of ensuring that such tinctures are up to the B.P. standard, the four tinctures mentioned be accordingly deleted. The Panel Committee had suggested that practitioners should be allowed to prescribe those tinctures if they wish to do so, and that a note to that effect should be put in the Tariff. The Pharmaceutical Committee had no objection to this, but the Sub-Committee could not agree to the suggested note being inserted in the Tariff. The recommendation of the Sub-Committee was adopted. The Committee also passed a resolution drawing the attention of the Government and the Commissioners to the extra drain on the funds and on the services of panel practitioners that would occur at the end of the war through the fact that many thousands of good lives cease to be contributors on enlistment, but on discharge will return to benefit, a large proportion of them suffering from wounds or invalids through hardship or exposure, thus destroying the sickness-rate expectancy on which the actuarial calculations for Medical Benefit were based, and urging the Commissioners to consider the necessity of provision being made to meet the exceptional circumstances (*C. & D.*, December 26, 1914, p. 61).

**Sheffield.**—As a result of the joint conference of the Insurance, Panel, and Pharmaceutical Committees (*C. & D.*, January 30, p. 171), held to decide on joint action to be taken regarding the large number of capitation grants withheld by the Commissioners, it has been decided that inquiries be made of the National Association of Insurance Committees whether any steps have been taken with regard



to the insufficiency of funds credited to Insurance Committees, and that the Panel and Pharmaceutical Committees be recommended to bring the matter before their respective National Associations with a view to taking such action as may be necessary. The Clerk reported to the Insurance Committee on February 3 that he had received a letter from the Commissioners suggesting that the Committee should again confer with the Panel and Pharmaceutical Committees, with a view to making arrangements for the checking and analysis of prescriptions on a larger scale than that previously approved by the Committee (*C. & D.*, December 5, 1914, p. 55), and that the expenses should be borne by the three Committees in equal proportions. The following payments were passed: To chemists, 75 per cent. of their accounts (twelfth payment for 1914), 680*l.* 2*s.* 6*d.*; to chemists, 75 per cent. of their accounts for emergency dressings to doctors, 7*l.* 16*s.*; to doctors for emergency dispensing, 8*l.* 19*s.* 5*d.*

**Southend-on-Sea.**—The Commissioners have sanctioned the appointment of Mr. C. Goode, chemist and druggist, as a member of the Insurance Committee in place of Mr. J. H. Heywood, Ph.C., resigned. Mr. Goode succeeds Mr. Heywood on the Finance, Medical Benefit, and Sanatorium Benefit Sub-Committees.

**Southport.**—Despite the statement made by the Assistant-Clerk (Mr. D. Jackson) at the January meeting of the Southport Insurance Committee that the chemists' accounts were to be paid 50 per cent. up to December 31, the accounts (writes our correspondent) are to be paid in full, there being sufficient money in hand to enable this to be done. At the meeting Mr. Jackson, in reply to questions, said that the balances would cover all the liabilities in all the accounts except the Drug Fund. There would be, he said, a deficiency there undoubtedly.

**Staffordshire.**—The Panel Committee has recently investigated forty-four cases of alleged excessive prescribing referred to it by the Pharmaceutical Committee, and has recommended surcharges in eighteen cases. The Committee has decided that, as a general rule, 4 oz. of liniment is a sufficient quantity to order at any one time.

**Sunderland.**—The Finance and General Purposes Committee recommended to the Insurance Committee on January 26 that the chemists' accounts for the period November 12 to December 31, 1914, be paid in full, together with the outstanding balances due for February, March, and April 1914 (266*l.* 5*s.* 1*d.*). This still leaves five months' outstanding balances of accounts (about 220*l.*) to be paid to the chemists.

**Worcestershire.**—At a meeting of the Insurance Committee on January 30 a letter was read from the Commissioners in reply to a recommendation of the Committee regarding the restrictions in the Sale of Food and Drugs Acts (*C. & D.*, January 9, p. 53). The Commissioners pointed out that chemists are bound by agreement to supply drugs and appliances of good quality, and that if any chemist does not fulfil his obligations under the agreement the Commissioners do not anticipate any difficulty in taking proper action. The Committee decided to make further representations to the Commissioners on the matter.

#### SCOTLAND.

**Aberdeen.**—The Burgh Insurance Committee on January 27 considered a minute of the Finance Sub-Committee, which recommended that, without prejudice to subsequent consideration of the principle involved, the administrative expenses of the Pharmaceutical Committee, not exceeding 43*l.* 13*s.*, should be defrayed out of the Medical Benefit Fund. Dr. Forbes, on behalf of the Panel Committee, raised the question as to whether the money should not come out of the Drug Fund, and after discussion the matter was remitted back to the Sub-Committee with powers. The Chairman called attention to counsel's opinion in connection with the Central Bureau, and stated that it upheld the position they took up in every way (*C. & D.*, January 23, p. 53). He was sure their opinion would prove the right one in the end.

**Airdrie.**—The Insurance Committee has decided to support the Glasgow Committee in its opposition to the Central Cheeking Bureau, and has authorised the Clerk to write to local members of Parliament about the matter.

**Berwickshire.**—The Panel Committee has nominated Dr. Campbell as its candidate for election to the Drug Accounts Committee.

**Edinburgh.**—The nomination of a representative on the Drug Accounts Committee came up at a special meeting of the Burgh Insurance Committee. The electoral division includes, Edinburgh, Leith, and Midlothian. The Midlothian Committee asked the Edinburgh Committee to support the candidature of Provost Brown, but it was agreed

that the Edinburgh Committee, being the largest in the electoral group, was entitled to have its own nominee. Mr. J. Simpson (Convener of the Medical Benefit Sub-Committee) and Mr. R. L. Hendry (chemist and druggist) were nominated, and on a division Mr. Simpson was appointed the Committee's candidate by fourteen votes to nine.—A report on the checking of prescriptions for the month to November 11 was submitted to a meeting of the Committee on January 28. Of 11,108 forms received, 10,202 were checked. The average cost was 11½*d.* (10½*d.* in the previous month). There was an increase in the accounts of 118*l.* compared with the previous month, but a decrease of 160*l.* compared with the same period of 1913. The checker referred to a number of instances in which medicines had been consumed more rapidly than ordered or intended by the doctor, a form of "waste" specially referred to in Dr. Tocher's report to the Commissioners. Two orders for "proprietary" articles had been disallowed, and the prices of equivalents given. The Panel Committee reported that they are much concerned that the practice of excessive prescribing still continues in spite of the action which had been taken in the matter, and that they do not approve of the checker's suggestion that medicine-glasses should be distributed by the Insurance Committee to insured persons requiring them. The Committee resolved, before taking further action, to await the outcome of the Panel Committee's inquiry into several cases of excessive prescribing brought to their notice. It was agreed to suggest to the Commissioners that when the Tariff of drugs and appliances is next considered medicine-glasses should be added, so that a doctor might order one for any case where careful measurement of medicine is important. A letter was submitted from the Commissioners intimating their sanction to expenditure incurred by the Committee in checking chemists' accounts. The Clerk read letters from the Secretary of the Pharmaceutical Committee, stating objections to the publication in the chemists' panel list for 1915 of information regarding chemists who do night dispensing or keep open on Wednesday afternoons. The Pharmaceutical Committee believe that the general practice of having the home address on the door of the shop ensures that medicines urgently required may be had at any time. It was recalled that this question was raised by a medical member at a meeting on December 11, and no specific complaint had been received from any insured person. The Clerk was instructed to communicate with the Panel Committee in regard to the offer made by the Pharmaceutical Committee to furnish for the private use of doctors a list of chemists who are open on Wednesday, and of those who have a night-bell.—The Committee is considering the advisability of fixing a limit for the number of insured persons a panel doctor may accept for treatment. At present one practitioner has over 3,000 persons on his list.

**Forfarshire.**—The Panel Committee has unanimously agreed to contribute towards the Insurance Committee's expenses in connection with the Central Prescription-checking Bureau. The Committee has decided not to nominate a practitioner to act on the Drug Accounts Committee, but reserves the right to vote in the event of an election being necessary.

**Stirling.**—The Burgh Insurance Committee has agreed to pay to the chemists the 10 per cent. deducted from their accounts in each of the first three quarters of 1914, and 90 per cent. of their accounts for the quarter ended December 31, 1914.

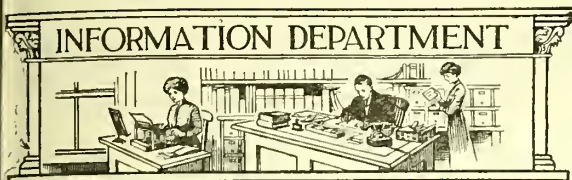
**West Lothian.**—The Panel Committee at a recent meeting agreed to contribute an amount, not exceeding one-quarter of that payable by the Insurance Committee, to the expenses of the Central Prescription-checking Bureau, provided that the Panel Committee receive copies of all reports issued by the Bureau and any special information it may require in the investigation of cases of over-prescribing. It was decided not to nominate a candidate for the Drug Accounts Committee, but a Sub-Committee was appointed with power to vote in case of an election. A draft circular-letter to panel practitioners regarding prohibited and emergency drugs and appliances was considered, and, after a paragraph prohibiting the use of "Rep. mist." had been deleted, was approved.

#### WALES.

**Breconshire.**—The Insurance Committee disapproves of the scheme of the Association of Welsh Insurance Committees for the establishment of a Central Prescription-checking Bureau.

**Flintshire.**—The Insurance Committee approves of the establishment of a Central Prescription-checking Bureau for Wales, as proposed by the Association of Welsh Insurance Committees.





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## Westminster Wisdom.

By the "C. & D." Parliamentary Representative.

### THE REASSEMBLING OF PARLIAMENT.

Both branches of the Legislature reassembled on Tuesday, February 2, the Lords after an adjournment of a month, and the Commons after an interval of nine weeks. It is understood that, so far as the House of Commons is concerned, the only business to be transacted before Easter will be of a purely financial character, or in regard solely to matters appertaining to the prosecution of the war.

### ANILINE-DYE INDUSTRY.

Mr. Almerie Paget, M.P., has given notice to call attention to the Civil Service Estimates to the question of Government aid for aniline-dye and other industries.

A small Committee of Unionist members has been formed at the House of Commons in connection with the question of Government support for dye and other industries. The Committee consists of Colonel Sykes, Mr. S. Roberts, Sir J. Harwood-Banner, Mr. Mackinder, Sir A. Henderson, Mr. Hamilton, Sir J. Randles, and Mr. Hewins.

### EXPORT OF CINCHONA FROM INDIA.

In the House of Commons on February 2, Sir J. D. Rees asked the Under-Secretary of State for India whether the Government of India had prohibited the export of cinchona; and, if so, whether he would, if there were no objection, inform the House of the reasons for such prohibition.—Mr. C. Roberts, in reply, said that by a notification issued on August 10, 1914, the Government of India prohibited the export from India, except by land, of medical and surgical stores and equipment of every description. The reason for the prohibition was to ensure the retention in India of sufficient supplies of this kind for Government requirements.

### MR. MASTERMAN'S POSITION.

Mr. Masterman has resigned his position in the Cabinet as Chancellor of the Duchy of Lancaster. This was not unexpected. The right hon. gentleman has been Chairman of the Joint Committee under the National Insurance Act since it came into force, and during a portion of his long absence from the House of Commons his place in regard to that aspect of the Government's work was taken by Mr. Wedgwood Benn, who for some time past has been quartered with the Middlesex Hussars in an East Anglian town. Dr. Christopher Addison has latterly been spokesman for the Insurance Department in the House, but it is expected that Mr. Masterman's successor (Mr. E. S. Montagu) will be entrusted with the task of replying for the Insurance Commissioners to the volley of conundrums which are levelled daily at the Treasury Bench.

## Observations and Reflections.

By Xrayser II.

### Your Winter Issue

is much too voluminous for a cursory review, and I can only congratulate you upon the variety and interest of its contents. It is, I think, more reminiscent than usual, but it is quite up to date, nevertheless, and if it may be taken as an index to the present state of pharmacy in the British Isles, we have every reason to make it an occasion for congratulating ourselves as well as you. It is always a puzzle to me to know how the *C. & D.* manages to be so original in all its big issues; you never repeat yourself and never grow stale; there is always something fresh and readable. Even the "Belfast Poisonous Bottles" are not without interest, as showing the sort of trade carried on in Ireland's premier city. The more scientific articles are timely; that on the "Germicidal Value of Iodine" will probably put a rather fierce controversy to sleep, while the paper on "Brucine Micro-reactions" opens up a line of investigation that should be uncommonly useful.

### "Unusually Large Doses"

have been the bane of the dispenser's existence ever since I can remember the drug-trade, and we have as a class always been particularly careful to see that no unsafe dose ever left our pharmacies. This care was, however, not because any authority such as the *Pharmacopoeia* enjoined caution upon us, but because we have always had in view three great points—first and foremost, the safety of the public; second, the reputation of the prescriber; and, last of all, our own good name. The obligation, voluntarily undertaken, of keeping a strict watch on doses is, however, a very different thing from a "duty" attempted to be thrust upon us by medical men themselves. It is a good deal more than doubtful whether the General Medical Council has the right or power to burden us with the responsibility for unusual doses, and I am glad to find you taking so firm a stand on this subject, but the passage in the preface to which exception is taken does not seem to me to amount to more than a pious opinion. It was as such that I read it, and I cannot think that the General Medical Council would suppose it could have any binding force on the chemist. Even so, it would perhaps have been best unsaid, though possibly it may have been meant merely to smooth our way of access to the prescriber, who does not always welcome the suggestion that his doses are open to question.

### "Jay Mack" and I

have had several friendly bouts over our position under the Insurance Act, and I don't in the least object to being quoted in opposition to him on this subject, but there is, I fancy, a good deal less difference between our views than he seems to think. Of course, Jay Mack, as a good business man, files his *C. & D.* and if he will refer to my notes of November and December 1912, he will see that my estimate of what the Act would do for us financially was a very modest one indeed, even when there was no prospect of discounting. "Well worth the extra trouble," and "We must either go on the panels in the hope of improving our position or suffer an inevitable loss"—these are not the utterances of an enthusiast, but they show virtually the extent to which I went in urging pharmacists to accept service under the Act. Well, Jay Mack went on the panel, it may be supposed with the same hope; he is still on, and still hoping, in spite of a hypothetical discount of 20 per cent. He admits, too, that he makes a little profit and finds the work worth while; apparently, indeed, he would be lost without it, having only two pleasures in life, business and bed. Even now he finds superfluous time and energy for "savage" attacks on sham benevolences, and for many valuable letters in your columns, and I venture to think he makes a little more direct profit out of the Act than he accounts for in his specimen trading account.



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## Editorial Articles.

### Indian Excise Drugs.

THE annual report on the administration of the Excise Department in the province of Bihar and Orissa for the year 1913-14 gives some interesting information concerning the official control of spirit, Indian hemp drugs (ganja, bhang, and charas), opium, and cocaine, from which the Government derived the handsome revenue of 1 crore and 12½ lakhs of rupees (about 750,000L.), or an increase of over 8½ lakhs (56,600L.) compared with 1912-13. It is to be regretted that the consumption of cocaine and its allied drugs, in spite of the preventive measures taken, has steadily increased in many districts. The necessity for special measures to check smuggling of the drug has now become apparent, and new proposals are under submission to Government. It is possible, however, that since the war the opportunities for smuggling have been fewer owing to the cessation of the Austrian Lloyd and other steamship services direct from the Continent to India. The number of prosecutions for the illicit sale or possession of cocaine rose to 144, while 99 convictions were obtained, against 86 in 1912-13. We understand that the licences for sale are now issued very sparingly, and only to approved chemists and druggists. During 1913-14 seventy-three licences for retail sale were issued, against seventy-nine in the previous year. Details of the more important prosecutions are given in the report, but no big seizures appear to have been effected, and the detection of the accused does not, the report states, have any permanent effect as a deterrent; in fact, the tenour of the Collectors' reports is that there has been no appreciable decrease in the number of illicit dealers. Suggestions for joint action with the railways and the post-office, the two great mediums for transport in dealing with the traffic, have been made, and the draft Excise Bill that is now before the Government contemplates very much heavier punishment for cocaine cases than that now provided. As regards hemp-drugs, the duty on ganja was raised throughout the province, with effect from April 1, 1913, in the Patna, Tirhut, Bhagalpur, and Chota Nagpur divisions from Rs. 11 to Rs. 13 per seer, in Cuttack, Puri, Balasore, and Angul from Rs. 9 to Rs. 11 per seer, and in Sambalpur from Rs. 7 to Rs. 7-8 per seer. As a result of this advance in Excise-duty the total consumption of ganja shows a downward tendency, but in spite of the reduction in consumption and number of shops, the receipts from licence-fees increased from Rs. 10,29,161 to Rs. 11,31,450, while those from duty rose from Rs. 12,23,511 to Rs. 13,90,938. The consumption of bhang continues to increase, but that of charas is now very limited. There was an increased revenue from opium due to the advance in the prices fixed by the Treasury, although at the same time the retail sale and private possession of opium was reduced from five tolas (1=3 oz.) to three tolas from July 1, and the restriction of the sale to the hours of daylight. The total number of licences issued for the retail sale of opium was 560, against 563, and the number of druggists' permits



issued was 134, against 119. The report deals at length with the consumption of spirit (the restrictions on which, in the shape of increased retail prices, affect the consumption of ganja). Most of the information given, however, is of parochial interest only, but we note that no spirit is denatured in any of the distilleries in the province, and that the retail vendors in all cases obtained their supplies from Calcutta.

### Medical Reciprocity with Belgium.

WE have referred to the reciprocal arrangement which has been made under the Medical Act, 1886, whereby qualified Belgian doctors may be registered and practise in this country while the war continues (*C. & D.*, January 30, p. 182). The Executive Council of the General Medical Council has since resolved to admit applicants who have obtained the degree of Doctor of Medicine in the Belgian Universities of Brussels, Ghent, Liège, and Louvain, and are legally authorised to practise medicine, surgery, and midwifery in Belgium. The names will be placed in the Foreign List of the Medical Register. It is interesting to note that under the Royal Decree by the King of the Belgians, dated December 19, 1914, British and Irish pharmacists may practise pharmacy in Belgium during the continuance of the war. There is not, however, any power under the Pharmacy Acts to grant reciprocity to pharmacists with Belgian qualifications.

### Antimony.

THE position of antimony at this juncture is deserving of comment, as, in spite of the substantial advance already recorded during the past six months, concurrently with the outbreak of war, the position of the metal remains as strong as ever. Briefly reviewing the position, we note repeated advances towards the end of last year and again early in January, since when there has been a gradual creeping-up on steady buying from all quarters. Those consumers who held back orders in anticipation of some reaction stand but a poor chance of filling their requirements at a concession for an indefinite period, or so long as home refiners are well sold ahead. Apart from the growing scarcity of prompt delivery, the market is now in no small degree influenced by the dearth of Chinese and Japanese crude antimony. Whereas English refined has risen to about 72*l.* per ton net, which compares with 26*l.* 10*s.*, the lowest figure touched last year, the price of Chinese refined has advanced to 68*l.*, and Chinese crude (black sulphide) to fully 33*l.* 10*s.*, and there is apparently very little crude to be had. The heavy requirements in connection with the war have certainly been a most important factor, the British, Russian, and French Governments having absorbed considerable quantities, while Italy has also purchased a fair tonnage. There is ground for believing that a good deal of the metal contracted for shipment to the United States from this side will not be shipped, owing to the present scarcity. French producers are no longer exporting, and with the demand keeping ahead of actual supplies prices will probably continue to advance. The fact may be recalled that during the Russo-Japanese War the price of English refined touched 125*l.* per ton; the present movement is certainly justified. All the antimonial preparations have been advanced by wholesalers, including tartar emetic.

### Minor Experiences.

IT has been our custom to publish periodically in *THE CHEMIST AND DRUGGIST* accounts of the Minor examination, as conducted by the Boards of Examiners in London and Edinburgh, contributed by candidates who have actually gone through it. These "experiences" have proved most useful and interesting to apprentices and other students of pharmacy, serving to satisfy the natural curiosity of those who are studying for the examination, besides acting as a guide to them in their work. The experiences also have a special educative value as showing the way in which questions are put by the examiners—a matter of considerable importance to candidates in an oral examination. We have now prepared a collection in book form of "experiences" of candidates who have gone through the examination in the quinquennium 1910-14. The book also contains

other information which Minor students require, such as particulars of the Preliminary examination and registration, the official syllabus, and advice to students. We think it should be of great service to all young men and women engaged in pharmacy. We can recall the time when it was not possible for any apprentice or assistant to get information about the Minor locally, and we know that the "experiences" are used in Schools of Pharmacy as part of the instruction. Our new book will give everyone the opportunity of private guidance. It is of pocket-book size, 6½ in. by 4½ in., contains over fifty experiences and 116 pages, besides blank pages for memoranda. In compiling it we kept in view the idea that a student could make one experience per week the basis of his private studies and practical work. The price of "Minor Experiences" is 2*s.* 6*d.*, or 2*s.* 8*d.* post free, from *THE CHEMIST AND DRUGGIST*, 42 Cannon Street, London, E.C. It may also be obtained at the published price through any of the wholesale houses who stock the *C. & D.* books.

### Pocket Companion to the B.P. 1914.

THE second edition of "Squire's Pocket Companion to the British Pharmacopœia" is a book of 1,040 pages (16mo), and being printed on India proof paper is just an inch thick in spite of the pages, so that it is correctly described as a "pocket companion." In sending us an advance copy the author, Mr. Peter Wyatt Squire, informed us that all the alterations in the British Pharmacopœia, the additions to it, and so on, have been incorporated in the volume, and solubilities have been checked. In the latter connection it is of special interest to note that the change of *Æther* B.P. from sp. gr. 0.735 to sp. gr. 0.720 alters the factors in many instances. "Squire's Companion" is noted for its solubility factors, which have actually been determined in the author's own laboratories, and are not copied from other books—a temptation which is too strong for some people. In the case of ether-solubilities Mr. Squire has had every factor redetermined since the new Pharmacopœia was published, and we give half a dozen of the changes of solubility made in consequence:

|                        |     | <i>Æther</i> B.P.<br>1898 | <i>Æther</i> B.P.<br>1914 |
|------------------------|-----|---------------------------|---------------------------|
| Acid. citric. ... ..   | ... | 1 in 8                    | 1 in 40                   |
| Acid. tartaric. ... .. | ... | 1 in 40                   | 1 in 195                  |
| Aconitina ... ..       | ... | 1 in 45                   | 1 in 168                  |
| Atropina ... ..        | ... | 1 in 25                   | 1 in 60                   |
| Caffeina ... ..        | ... | 1 in 400                  | 1 in 1250                 |
| Cetaceum ... ..        | ... | 1 in 6                    | 1 in 7½                   |

It is not necessary to go further, as these examples sufficiently indicate the need for practical as well as literary revision. Similar thoroughness has been applied to all parts of the "Pocket Companion" so far as the British Pharmacopœia is concerned, but it must not be forgotten that comparisons with the French, German, and United States Pharmacopœias are included, besides references to many Formularies, and the leading medical journals of the world have been drawn upon up to 1914 for new facts in regard to the therapeutics of *materia medica*. Primarily the book is one for prescribers, who find in it quickly the facts that they require, particularly medicinal properties, doses, and prescribing notes; but the richness of the book in chemical, physical, and pharmaceutical data, in compounding-hints, in non-official formulas, and in other matters that specially interest the pharmacist make the "Pocket Companion" of as much value to dispensers as to prescribers. The first 385 pages are devoted to *materia medica*, arranged in alphabetical order; then follows a monograph on therapeutic agents of microbial origin, by Professor R. Tanner Hewlett, M.D., which gives a clear idea of the present position of this subject; and the other contents include an excellent therapeutical classification of remedies, with a separate classification of remedies employed in special ailments. The book is well produced, being bound in limp leather, and is published by Churchill at 10*s.* 6*d.*



## Pharmaceutical Society of Great Britain.

### Council-meeting.

THE monthly meeting of the Council was held on February 3 at 16 Bloomsbury Square, London, W.C. The President (Mr. E. White) was back after four months' absence. He was congratulated on his return, and he thanked the members for their forbearance. The Registrar presented his annual report, which dealt as usual with membership, examinations, and legal cases. The Treasurer complained that money is coming in slowly from members' subscriptions, but the President did not see any reason for pessimism. The regulations governing the Manchester Scholarship are to be revised on the lines of a report presented by the Secretary. The deputation to the National Health Insurance Commissioners took place on January 27, and it is stated officially "that there was every desire to remove some at least of the more pressing causes of hardship which fell upon panel chemists." A deputation to the War Office is to be arranged by Mr. Glyn-Jones regarding the position of pharmacists in the Army.

THE Councillors present were Mr. E. White (President), Mr. E. T. Neathercoat (Vice-President), Mr. W. H. Gibson (Treasurer), and Messrs. C. B. Allen, F. E. Bilson, A. S. Campkin, W. G. Cross, J. H. Cuff, W. L. Currie, F. J. Gibson, R. L. Gifford, A. Hagon, J. F. Harrington, L. M. Parry, F. A. Rogers, P. F. Rowsell, F. P. Sargeant, and T. A. White.

#### WELCOMING THE PRESIDENT.

THE VICE-PRESIDENT formally welcomed the President after his four months' absence, and congratulated him on his safe return to England. The Council had, he said, endeavoured to "carry on" during the absence of the President, and he trusted that the affairs of the Society would be found to be in a satisfactory condition.

THE PRESIDENT said he was glad to be back again. He was able to give the Council very little information regarding the reason for his absence, and he thanked the Council for taking this as sufficient. He hoped later on to give a fuller account of his voyage and the work he had been engaged in.

THE SECRETARY announced that season's greetings had been received from the Pharmacy Board of Queensland and the Pharmaceutical Council and Pharmaceutical Society of Western Australia. These are to be acknowledged.

THE PRESIDENT said that apologies for absence had been received from Mr. Young, who is ill in bed; Mr. Harrison, whose wife is seriously ill; and Mr. Gilmour, who could not leave owing to being short-staffed in his business.

MR. HAGON said that the proceeds of a whist-drive held by the Cardiff Pharmaceutical Association amounted to 25/., and he had pleasure in handing over a cheque for that amount to the Belgian Doctors' and Pharmacists' Relief Fund.

THE SECRETARY said that he had also received a cheque for 20/., for the same Fund, collected by the North London Pharmacists' Association. He thanked the donors for their liberality.

#### ELECTIONS AND RESTORATIONS.

Seventy-three members were elected and fifty-four student-associates. Twenty-one members were restored to their former positions in the Society. Mr. C. T. Duncan had his name restored to the Register of Chemists and Druggists.

The Registrar's monthly report showed that eighty-three persons had been registered during the past month as apprentices or students.

#### CORRESPONDENCE.

The Privy Council Office forwarded a copy of a report for 1914 by the Government Visitor to the Edinburgh examinations. This is to be submitted to the North British Branch Executive.

The Privy Council Office also forwarded for observations copy of correspondence referring to the alleged illegal sale of opium. This is to be considered by the Law Committee.

The London City Coroner wrote expressing satisfaction that laudanum is now included in Part I. of the Poison Schedule.

The London Insurance Committee forwarded a copy of the Report on an investigation into the arrangements for the provision of Medical Benefit in the various Metropolitan boroughs.

The Blackpool and Fylde Pharmacists' Association forwarded a resolution urging the advisability of securing the exemption of all registered chemists and druggists from the Medical Preliminary examination. This was referred to the Library Committee.

The West Ham Pharmacists' Association sent a resolution urging the Society to submit to the Government evidence of the excessive wholesale price of certain chemicals in relation to the cost of production.

MR. HAGON said this matter is serious, as chemists are being charged out of all proportion to the increase justified by the war.

The Library Committee is to look into the matter, and in the meantime the West Ham Association is to be asked to forward specific instances.

The Nottingham Pharmaceutical Association forwarded a resolution urging the introduction of legislation to prevent misleading methods of advertising proprietary articles.

THE PRESIDENT said that the matter is awaiting legislation as a result of the report of the Select Committee on Patent Medicines. At present there is no hope of action being taken.

The London County Pharmaceutical Association wrote regarding the continuance of the appointment of delegates to the Local Associations Conference.

The North Kent Pharmacists' Association wrote disapproving of stock mixtures for Insurance dispensing.

The North-East Lancashire Chemists' Association expressed the opinion that the 2s. allowed for drugs under the Medical Benefit clauses of the National Insurance Act is inadequate, and that the allowance should be placed upon such a basis as would enable the Insurance Committees to discharge chemists' accounts in full. This was remitted to the Local Associations Executive Committee.

#### THE MAY ELECTION.

The Secretary reported that the following members of the Council retire by rotation in May: Messrs. C. B. Allen, A. S. Campkin, F. J. Gibson, D. Gilmour, E. T. Neathercoat, F. P. Sargeant, and T. A. White.

#### THE REGISTRAR'S ANNUAL REPORT.

The Registrar then submitted his report for the year 1914, of which the chief features are embodied in the following abstract:

The subscribers to the Society are 726 life compounders, compared with 689 in 1913; 7,449 annual subscribers, against 7,099 in 1913; 599 student-associates, against 484. The number of persons registered as apprentices or students was 733 [580 in 1913]; 442 persons passed the Minor, against 453 in 1913; while the successful Major candidates numbered 45, the same as in 1913. The Register of Pharmaceutical Chemists contains 2,015 names [2,029 in 1913], and that of chemists and druggists 14,615 [14,579 in 1913], an increase of 22 names during 1914. The Register of Superintendents of Bodies Corporate contains 653 names [605 in 1913]. The section of the report dealing with the administration of the Pharmacy Acts shows that 1,113 [1,619 in 1913] cases of alleged infringement were investigated during 1914, and in 239 cases [306 in 1913] proceedings were instituted. The summary as to the persons prosecuted is as follows: Unqualified drug-store proprietors, 93; unqualified assistants in drug-stores, 3; chemists, 42; unqualified managers and assistants to chemists, 29; executors of chemists, 4; unqualified managers to the executors of chemists, 2; limited



companies trading as chemists and druggists, 23; unqualified directors, managers, and assistants to limited companies, 15; unqualified assistant to doctor, 1; herbalists, 2; ironmonger, 1; grocers, 12; seedsman, 1; oilman, 1; manure agent, 1; general storekeepers, 4.

A note appended to the report states that in five other cases of alleged infringement it was found upon analysis that the poison asked for had been omitted from the articles purchased, but in two cases proceedings were taken under the Merchandise Marks Act. It is also stated that 2,992 shops were inspected with a view to ascertaining whether a certificate was exhibited in compliance with Sub-section 1 of Section 3 of the Poisons and Pharmacy Act, 1908.

#### FINANCE COMMITTEE.

The TREASURER then presented the report of the Finance Committee. The receipts of the General Fund amounted to 884*l.* 6*s.* 3*d.*, made up as follows: Penalties and costs, 75*l.* 3*s.*; "Journal," 26*l.* 15*s.* 1*d.*; "B.P. Codex," 7*l.* 13*s.* 6*d.*; subscriptions, 535*l.* 10*s.*; registration-fees, 140*l.* 14*s.*; restoration-fee, 1*l.* 1*s.*; school-fees, 48*l.* 6*s.*; repayment of Pharmaceutical Committee election expenses, 6*l.* 13*s.* 1*d.*; ground-rent, 42*l.* 11*s.* A balance of 105*l.* 9*s.* 4*d.* remained after deducting the payments ordered at the last meeting of the Council. The following amounts were recommended for payment: "Journal" and publications, 163*l.* 13*s.* 3*d.*; stationery, etc., 46*l.* 13*s.* 9*d.*; current expenses, 300*l.*; salaries, etc., 341*l.* 13*s.* 4*d.*; school and examinations, 314*l.* 2*s.* 6*d.*; law and professional charges, 37*l.* 8*s.*; house expenses, 199*l.* 7*s.* 7*d.*; sundries, 24*l.* 19*s.* 6*d.*—a total of 1,427*l.* 17*s.* 11*d.* The balance on the Benevolent Fund current account was shown as 37*l.* 17*s.*, on the donation account 15*l.* 12*s.* 2*d.*, and on the Orphan Fund 51*l.* 18*s.* 4*d.*

Commenting on the report, the Treasurer said that the amount received for subscriptions—535*l.*—compared with 768*l.* last year. The receipts generally are below what they were last year, but on the other side there is 527*l.* less to pay. The Benevolent Fund subscriptions are also lower. Among the special sums received for the last named Fund was 1*l.* 3*s.* 3*d.* from a collecting-box in Mr. T. Coulson's pharmacy, Gracechurch Street, London, E.C., and 15*l.* 4*s.* from Mr. J. D. Jenkins, Cardiff, proceeds of a weekly-collection scheme which he superintends.

The report was adopted, the PRESIDENT remarking that he did not see grounds for pessimism considering the circumstances.

Two payments of 30*l.* were authorised from the Orphan Fund for the support of two of the Society's orphans.

#### BENEVOLENT FUND.

Mr. ROGERS presented the report of the Benevolent Fund Committee, which recommended grants amounting to 124*l.* The balance in hand is small, but he had no doubt that chemists will respond to the claims of the Fund as in former years.

#### LIBRARY COMMITTEE.

The report of the Library, Museum, and House Committee was next presented by Mr. NEATHERCOAT. This recommended the payment of accounts for 6*l.* 5*s.* 4*d.* for house repairs and the acceptance of a contract for window-cleaning at 15*s.* 6*d.* per month, and 11*s.* per quarter for the lights of the examination-hall. Reference was also made to negotiations which are proceeding regarding the Society's property at Paddington Green.

The report was adopted.

#### LOCAL ASSOCIATIONS EXECUTIVE.

The report of the Local Associations Executive Committee, which formed part of the report to the Council of the Parliamentary and General Purposes Committee, referred to the Conference on January 4 between representatives of the Society and the British Medical Association regarding the supplementary Drug Tariff for February. The Tariff has since been approved by the Commissioners and circulated to Insurance Committees. The Secretary read a report of the deputation which waited on the National Health Commissioners on

January 27 (see p. 43). The PRESIDENT referred to the fact that every point on behalf of panel pharmacists had been made, and, although it could not be expected that the Commissioners would give any definite pronouncement at the time, it was obvious that there was every desire to remove some at least of the more pressing causes of hardship which fell upon panel chemists. The Committee also directed the attention of the Council of the Proprietary Articles Trade Association to resolutions urging the Council to extend the usefulness of the Association in protecting the selling-price of proprietary articles. The Proprietary Articles Trade Association was asked to approach the Drug Companies' Association on the matter. The question of insurance clerks capturing checking arrangements was also brought up by Mr. SARGEANT, and it was agreed to warn Pharmaceutical Committees against the assumption that persons employed by conjoint Committees are in any sense part of the clerical staff of the Insurance Committee.

#### THE MANCHESTER SCHOLARSHIP.

The rest of the report of the Parliamentary and General Purposes Committee dealt mainly with a report by the Secretary on his conference with the Manchester Pharmaceutical Association on the best methods of improving the Manchester scholarship. The suggestions made for the improvement of the scholarship were as follows: (1) The value of the scholarship to be increased; (2) the subjects to consist of. Elements of pharmacy, elementary general chemistry (inorganic and organic), elementary botany; (3) compulsory period of study to be reduced to six months; (4) increase the choice of approved school; (5) that twenty to twenty-two years be the age-limit. In regard to the first suggestion the Secretary agreed that the value of the Scholarship should be increased. Although there is no direct provision in the trust-deed for the addition of accumulations of incomes to the *corpus*, in his opinion the wording "Council . . . award the income received or to be received from the said trust funds for twelve calendar months or such part of the same or of any accumulations of income (not exceeding in the whole a year's income to any one person)" contemplates the addition of the accumulations of interest to the *corpus*, and he thought this should be done. In point of fact, there are sums of money, now amounting to 250*l.*, standing at the bank earning no interest whatever. He recommended that this sum be invested in War Loan stock, and that the interest obtained from this should be added to the interest obtained on the Manchester Ship Canal stock and the 50*l.* Consols. This would place at the disposal of the Council a sum of roughly 35*l.* per annum to be granted to the successful competitor. The deed cannot be held to lay any restriction on the way in which this money is spent, save the condition that the recipient shall during a year be a pupil in an approved school of pharmacy. He recommended that in addition to these subjects (suggestion 2) (a) Latin or a modern foreign language and (b) elementary physics, should be included. The other suggestions were approved of, but it was pointed out that there are no restrictions upon the choice of the school in which the scholarship should be tenable beyond the obligation to see that the school selected is one where proper training and tuition can be obtained.

#### ARMY PHARMACISTS.

The Committee further considered the position of pharmacists in the Army, which is unsatisfactory. Mr. Glyn-Jones was asked to arrange a deputation on the matter to the War Office at an early date.

Consideration of the question of the position of the Society in connection with pharmacopœial revision was deferred to the next meeting.

The report was adopted.

#### REPORT OF EXAMINATIONS.

The report on the January examinations stated that 196 persons were examined for the Minor, and of these eighty-three passed. In Scotland of thirty-five candidates twenty-six passed.

This concluded the public business.



## Society of Chemical Industry.

A CROWDED meeting of the London Section was held at Burlington House, Piccadilly, W., on February 1. Mr. Walter F. Reid was in the chair in the absence of Professor W. R. Hodgkinson through indisposition.

### BRITISH-MADE GOODS.

The first part of the evening was taken up with an explanation of a large exhibition of laboratory-ware and chemicals, all of British manufacture and mostly marking the establishment of new industries in this country. The following were the exhibitors:

*Baird & Tatlock (London), Ltd.*—Scientific apparatus, microscopic stains, chemicals. A glass-factory has been built at Walthamstow. Prices at present are abnormal owing to the war, but it is hoped in future to supply British-made goods at catalogue prices.

*W. & R. Balstone, Ltd.*—Filter-papers lower in price than the corresponding qualities of foreign make.

*Boake, Roberts & Co., Ltd.*—Seven terpeneless oils and triacetin.

*British Glass-Wool Co.*—Glass-wool. A new industry in the country. All difficulties in the manufacture have been successfully overcome.

*British Laboratory Ware Association.*—A list of members was given in the *C. & D.*, January 30, p. 143. The foundation of the Association was explained to the meeting by one of the members. It is not a financial combine, but each member studies particular aspects of the situation, and arranges for the manufacture of certain laboratory-ware. It is expected to have Jena glass on sale in a few weeks.

*Butterworth Bros., Manchester.*—Various kinds of glass tubing, including some made of Tenax resistance glass.

*Corticine Floor Covering Co., Ltd.*—Cork composition compressed into corks, shives, discs, rings, and blocks. The material is also employed in making artificial limbs.

*Fuerst Bros.*—Acid-proof earthenware.

*Higgins Bros., Liverpool.*—Salicylic acid.

*Johnson & Matthey, Ltd.*—Magnesium metal, an industry which has been re-established in this country since the outbreak of the war. Barium-platinocyanide screens for radiography, more efficient than the German-made articles.

*Manchester Oxide Co., Ltd.*—Barium and ammonium sulphocyanides.

*Morgan Crucible Co., Ltd.*—Combustion-tubes for steel-analysis. Pyrometer-tubes.

*Jas. Powell & Sons.*—Soda-aluminium glass.

*A. G. Thornton, Ltd.*—Sectional papers, absolutely true to scale. These have not previously been printed in this country.

*Worcester Royal Porcelain Co.*—Porcelain crucibles, etc., equal to Berlin ware. These have been tested and certified by Dr. Mellor, of the Porcelain Laboratory, Stoke-on-Trent.

In the course of the conversation which followed it was stated that the products of the British Laboratory Ware Association will all be tested before being placed on the market. The professors of Cambridge University have placed their services at the disposal of the Association. Mr. Reid remarked that the question of optical glass is now being worked out. Sir William Crookes's new glass, impermeable to ultra-violet rays, was the outcome of the work of a Committee, which Committee has now been reconstituted to continue its labours. This speaker, referring to the value of corticine as an insulator, said that the best method he knew of obtaining perfect crystals of a chemical is to place a strong solution in a thermos flask embedded in a corticine block and gently rotate the flask. The material from which cork legs are made has been hitherto imported from Germany, but is now being produced of better quality in this country.

### EMPIRE SUGAR-PRODUCTION.

Mr. J. J. Eastick then brought forward a motion that "The Council of the Society should petition the Government to take such steps as will tend to the permanent production and refining within the Empire of sugar sufficient for the Empire's consumption." In a vigorous speech Mr. Eastick pointed out the necessity of making this country independent of German and Austrian sugar—e.g., by growing beet here, and increasing the production of cane sugar in other parts of the Empire.

Captain Corteau, Mr. C. S. Parker, and other speakers followed, when it was agreed to postpone further discussion till the next meeting.

## Trade Report.

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling and the like. Qualities of chemicals, drugs, oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities. Retail buyers cannot, therefore, for these and other reasons, expect to purchase at the prices quoted here.

### 242 Cannon Street, E.C., February 4, 6.30 p.m.

THERE is a fairly active demand for chemicals and drugs generally, but, as has been the case for several months past, the business, if for export, is often of a complex nature, and involves a maximum of trouble. Prices of many of the so-called fine chemicals remain irregular, depending on the attitude of the seller and the existing stocks. The salicylates, salol, and acetyl-salicylic acid attract chief attention owing to scarcity and difficulty of obtaining fresh supplies; they are firmer generally. New cod-liver oil is very irregular, but dearer, owing to the backwardness of the Lofoten fishing. English castor oil is scarce and dearer for prompt delivery, the market being bare of other descriptions. Turpentine has been excited and is much higher. Preparations of antimony have been advanced in sympathy with crude. Among chemicals, ammonia sulphate shows a further advance, and copper sulphate sells at higher rates. Potash permanganate is offering at lower prices, and Montreal potashes are easier. Other changes include cheaper prices for chrysarobin, pilocarpine, and distilled lime oil. Santonin is likely to be cheaper. The principal movements have been as under:

| Higher              | Firmer                      | Easier      | Lower           |
|---------------------|-----------------------------|-------------|-----------------|
| Ammonia sulphate    | Anise oil, star (c.i.f.)    | Lime oil    | Chaysarobin     |
| Antimony and preps. | Camphor, Jap. ref. (c.i.f.) | Pilocarpine | Cinnamon        |
| Cantharidin         | Gambier                     | Potashes    | Milk-sugar      |
| Capsicin            | Mint o.i., Jap. (c.i.f.)    |             | Opium (N.Y.)    |
| Castor oil (Eng.)   | Salicylates                 |             | Potash permang. |
| Cloves              | Salol                       |             | Santonin        |
| Cod-liver oil       | Wax, Jap. (c.i.f.)          |             |                 |
| Copper sulphate     |                             |             |                 |
| Fenugreek seed      |                             |             |                 |
| Menthol (c.i.f.)    |                             |             |                 |
| Turpentine          |                             |             |                 |

A drug-auction will be held next Thursday, February 11.

### Cablegram.

NEW YORK, February 3.—Business in drugs is active. Opium is 10c. per lb. lower at \$8.50 for druggists' by single cases. Peppermint oil in tins is 5c. easier at \$1.55. Menthol is firmer at \$2.55. Guarana is lower at \$1.00 per lb. Serpentina-root is firmer at 40c., and belladonna-leaves are lower at \$1.00 per lb. Ipecacuanha is steady at \$1.95 for Cartagena.

### London Markets.

AGAR-AGAR.—For January shipment from Japan No. 1 strip is quoted 1s. 7½d., and February-March shipment 1s. 6½d. per lb. net c.i.f. London

AMMONIA SULPHATE is 5s. per ton dearer: grey, 25-per-cent., London prompt, offering at 13l. 5s. net naked at works; Hull, 24-per-cent., prompt, 13l. 15s.; Liverpool, prompt, 14l., less 3½ per cent.; Leith, January-April, 13l. 17s. 6d., less 3½ per cent. in bags f.o.b.

ANISE OIL (STAR) is dearer at 3s. 6d. per lb. c.i.f. for February-March shipment, and on the spot 4s. to 4s. 3d. is quoted. Arrivals of fair quantities are taking place.

ANISEED is offering at 35s. per cwt. for both Levant and Spanish to come forward.



ANTIMONIAL PREPS. have been advanced, *Crocus* being quoted at 50s. per cwt. and powdered 52s.; *Antim. nig.* is 28s. and powdered 30s.; *antim. tart.* is 2s. 2d. for either powdered or crystals.

BALSAM PERU of genuine quality is offered on the spot at 7s. per lb. net.

BALSAM TOLU of good quality is quoted at 1s. 9d. per lb. net on spot.

BENZON.—The arrivals at the drug-warehouse comprise 50 cases Palembang and 100 cases Sumatra.

BERGAMOT OIL is practically in the same position as last reported (states a Sicilian advice of January 23), although some isolated buyers have paid slightly higher prices. In London agents quote from 11s. to 11s. 6d. c.i.f. for new crop for 37 to 38 per cent. esters, the spot value being about 13s.

CAMPHOR (REFINED) is firmer for Japanese to arrive, 2½ lb. slabs for April-May shipment offering at 1s. 4½d., and 4-oz. tablets at 1s. 5½d. per lb. c.i.f.

CANARY-SEED is firm at 92s. 6d. to 95s. per quarter for ordinary to good Morocco.

CANTHARIDES.—Chinese on the spot have been sold at 5s. Russian flies are not available, export being prohibited from that country.

CANTHARIDIN.—Makers have advanced their price to 170s. per oz.

CARAWAY-SEED is steady at 33s. per cwt. for good Dutch on the spot.

CASCARA SAGRADA.—Several sales of three to four year old bark have been made at 45s. spot, and for new there are sellers at 40s. Shippers continue to refuse to sell on c.i.f. terms, a quotation of 6½d. per lb. f.o.b. Pacific Coast being current, which is not attractive.

CASSIA OIL.—To arrive, 80 to 85 per cent. c.a. for February-March shipment is quoted 2s. 7½d., and 75 to 80 per cent. 2s. 6½d. per lb. c.i.f.

CASTOR OIL.—There is a scarcity of English oil for prompt delivery, the chief sellers only undertaking business for delivery two months hence. Second-hands quote finest medicinal quality in barrels at about 42s. and cases 45s. per cwt. The Liverpool quotation for good seconds Calcutta is nominal at 5½d. per lb., owing to the inadequate supply.

CHRYSAOBIN.—Owing to competition price is rather lower at 8s. 6d. per lb. net, and slightly less for quantity.

CINNAMON.—At auction on Wednesday 128 bales worked were offered, and met with little demand, only 25 bales being sold at steady prices compared with those obtained a fortnight ago. Good to fine firsts partly sold at 1s. 5d. to 1s. 7d., and a few bales of good seconds at 1s. 3d. per lb.; 30 bales reddish pieces sold at 7d., four bags good clippings at 7½d., and 32 bags good chips at 2½d. to 3½d. per lb.

CLOVE OIL.—English distillers quote from 4s. 5d. to 4s. 7d. per lb., the lower price being for 12 w. qts.

CLOVES.—At auction seven cases Penang were bought in at 7d. for fine. Privately, Zanzibar are firmer at 6½d. to 6¾d. spot; for January-March delivery there are buyers at 6¾d., and January-March shipment at 6½d. c.i.f.

COD-LIVER OIL.—Our Bergen correspondent writes on January 25 that the new cod-fishing has opened, but the results hitherto obtained are not worth mentioning. The prospects are considered favourable, and it is generally expected that the cod will be in good condition this year—large and fat. There is practically no business doing, buyers holding aloof until they see the character of the new fishing. The quotation of 87s. per barrel c.i.f. for prime 1914 non-congealing oil is merely nominal. In London agents' prices for new Lofoten oil are very irregular, but much dearer. In one quarter bids of 100s. would be put forward for March shipment, and some business is said to have been done at the price on c.i.f. terms, exclusive of war-risk. In another direction the nominal quotation is 117s. per barrel c.i.f. Hull, it being stated that the Wilson Line do not now give through b/l. to London. Several agents are not in a position to offer new oil at the moment.

COPAIBA in barrels as imported is offered at 1s. 5½d.; cleared B.P. 1s. 6½d. to 1s. 6¾d. per lb. net. Para in kegs 1s. 4d. and tins 1s. 5d. net.

COPPER SULPHATE has advanced 1l. to 27l. per ton for the usual Liverpool brands, prompt and forward.

CORIANDER-SEED.—There is less business doing, but the price is firm at 15s. per cwt. for Morocco on the spot.

CREAM OF TARTAR is offered at from 140s. to 145s. per cwt., as to seller, for 98-per-cent.

CUMIN-SEED.—The market still remains bare of stock, with a good inquiry.

ERGOT.—Several sales of Spanish have been made at from 2s. 8d. to 2s. 9d. on the spot, holders asking 2s. 9d. to 3s.

For the present Russia has prohibited exports of ergot. A quantity of Portuguese has arrived.

FENUGREEK-SEED is dearer at 10s. to 10s. 6d. per cwt. for Morocco.

FORMALDEHYDE is offered at varying prices, 50s. to 51s. being a fair average value.

GERANIUM OIL.—Spot stocks are only small, but there is little inquiry. To come forward, Bourbon is quoted 9s. 6d. to 10s., the spot values being from 10s. to 10s. 6d. per lb.

GINGER.—At auction 649 packages were bought in, comprising washed rough Cochin at 23s., wormy ditto 21s. to 22s., and brown Calicut rough, slightly wormy, 20s.

GLUCOSE has advanced to 15s. 6d. per cwt. for crystal corn syrup, and to 15s. to 15s. 6d. for solid.

INDIGO.—A Calcutta advice, dated January 13, reports that supplies are becoming rapidly reduced, and prices are stiffer than ever, but this applies more particularly to the lower grades, as the fine qualities are already exhausted.

IPEACUANHA.—The *Orita*, from Monto Video, has brought 29 bales Matto Grosso to Liverpool. The arrivals at the Cutler Street drug-warehouse comprise 40 bales Johore, 15 of Cartagena, and two Minas. Several sales of Matto Grosso have been made at 16s. and Cartagena at 9s. 6d.

LANOLINE.—The value of genuine anhydrous is about 4s. per lb. There are various offers of hydrous of English make at about 1s. 2d. per lb.

LEMON OIL is a somewhat puzzling and erratic market at primary sources, rates varying from 3s. 9d. to 4s. 3d. per lb. c.i.f.; spot values are from 4s. 3d. to 5s. per lb.

A Sicilian advice, dated January 23, reports a much stronger position. Sellers have been very reluctant to part with their goods at the lower prices quoted during last week, while a fairly good demand came from consumers, thus causing local buyers to be more insistent. Some requirements against previous blank sales also manifested themselves, while local speculators, too, took the opportunity to push up prices. All this has caused the market to return, in a very short time, to about the maximum prices paid in the last few weeks, and it seems improbable that prices can decline again for the time being, considering the speculative interests which are at stake and the requirements for near shipment.

LIME OIL tending easier, with sellers of West Indian distilled at 2s. 5d.

LINSEED is firm at 55s. to 60s. per quarter for good to fine quality.

LINSEED OIL is dearer at 27s. 9d. in pipes on spot, and 28s. 3d. in barrels.

LIQURICE-JUICE of genuine quality in usual size sticks is quoted at from 67s. 6d. to 70s. per cwt. net.

MERCURY.—No first-hand price appears to be available; second-hands quote 11l. 10s.

METHYL-SALICYLATE is quoted at from 3s. to 3s. 6d. per lb.

MILK-SUGAR is rather cheaper, with sellers of best white powder at 74s. per cwt. in ton-lots.

MINT OIL.—Japanese demethylised is firmer, sellers asking 3s. to 3s. 1½d. c.i.f. for Kobayashi-Suzuki for March-April shipment; on the spot from 3s. 4½d. to 3s. 5d. is quoted.

The exports from Japan during November amounted to 7,809 kin (October 5,660 kin), valued at 24,648 yen, and for the eleven months ended November the exports were:

|     |     | 1912    | 1913    | 1914    |
|-----|-----|---------|---------|---------|
| Kin | ... | 161,555 | 237,327 | 245,028 |
| Yen | ... | 599,103 | 888,437 | 744,973 |

OPIMUM remains steady, usual 11-per-cent. Turkish druggists' quality offering at from about 26s. 6d. to 27s., and soft shipping is quoted 30s. Persian varies from 18s. to 23s. as to test. Shipments of Turkey opium are on the way to London *via* the United States, and further arrivals of Persian direct from primary markets are looked for.

ORANGE OIL.—A Sicilian advice, dated January 23, reports a firmer market, but not to the same extent as lemon oil. A regular demand has set in during the week from consuming centres. Prices from London agents are unchanged at from 5s. 9d. to 6s. c.i.f.

OTTO OF ROSE.—Genuine pure with analytical certificate is offered at from 45s. to 47s. 6d. per English oz.

PEPPERMINT OIL.—American tin oil is temporarily scarce on the spot, 8s. being wanted. Arrivals have taken place in fair quantity in London, but they will not be available for several weeks owing to congestion. H.G.H. has been sold at 12s. 9d. in single cases. H. & P. is quoted 10s. 6d. spot, and of J.B.H., of which there is no stock here, the nominal value is about 7s.



POTASH CHLORATE is extremely scarce at from 1s. 3d. to 1s. 7d. per lb., the latter being for prompt delivery.

POTASH PERMANGANATE for February delivery is offered at the lower rate of 75s. per cwt. Judging by the frequent arrivals from the Continent and the U.S.A., the British Government is not averse to the enemy product being imported.

POTASHES are rather cheaper, first Montreal offering at 61s. per cwt., and American 59s. to 60s.

QUININE is steady at from 1s. 1½d. to 1s. 2d. per oz. for the usual brands of Continental sulphate. A very fair quantity of Java has arrived here.

The landings in London during January were 56,496 oz. and the deliveries 123,296 oz., leaving a stock on January 31 of 2,635,568 oz., against 3,365,712 oz. in 1914, or 730,144 oz. less.

At the auction held at Amsterdam on January 29 1,417½ kilos. (50,000 oz.) Ed. II. were offered, of which 992½ kilos. sold at £121.85 per kilo. The next auction will be held on February 26, when a similar quantity will be offered.

SALICYLATES.—Sodium is in good inquiry, and holders of best qualities ask 8s. per lb., which price has been paid frequently. There are a few odd parcels of indifferent quality offering at slightly less. Salicylic acid is quoted at 6s. 6d. to 7s.

SALOL is firmer at 6s. per lb.

SALTPETRE.—The war having eliminated supplies of German saltpetre, more attention has been paid to Bengal refined, which is offered at about 45½ per ton. Regular arrivals have been taking place. The price of British refined is about 52½ per ton.

SANDALWOOD OIL is quoted at from 21s. to 23s. per lb., as to seller.

SANTONIN.—Although there is no actual change in the spot price at the moment, there is a prospect of arrivals in London from Petrograd *via* Bergen, which, when available, will enable a substantial reduction to be made in dealers' prices. The demand at the prevailing level of values has diminished considerably.

SENEGA sells in a retail way at 1s. 9d. per lb. net.

SHELLAC is quiet and unaltered, with sellers of the usual standard TN Orange at 62s. to 63s., and fair AC Garnet at 63s.

SULPHONAL is offered at from 14s. 6d. to 15s. per lb.

SULPHUR.—A circular has been issued notifying a combination of about six of the leading Sicilian sulphur-exporters.

THYMOL remains scarce, at from 23s. 6d. to 24s. per lb.

TURPENTINE shows an advance of 3s. 6d. per cwt. in the aggregate, with a good business at up to 41s. 1½d. spot for American. Market has been excited at times.

WAX, BEES'.—Quiet, with Jamaica offering at from 8½d. to 8d. 10s., bleached Calcutta 8½d. 15s., and East African 7½d. per cwt.

WAX, JAPANESE, is firmer, the sales including 150 cases for February-March shipment at 46s. 3d. c.i.f. London and Liverpool.

### Arrivals of Chemicals and Drugs.

During the period January 27 to February 3 the following produce has arrived at the principal English ports. Goods in transit are not included; the figures denote packages where not specifically described:

|  |   |
|--|---|
| Acetate of lime (Boston) bgs. 3,072  | Antimony (Hong-Kong) cs. 695, bgs. 895, (Antofagasta) bgs. 789, (Shanghai) pkts. crude 2,000; cs. regulus 500, (Marseilles) cs. 1,500 |
| Acetic acid (New York) cs. 14, brls. 116, (Rotterdam) cks. 32  | Apricot kernels (New York) 244  |
| Acetic anhydride (Treport) pkgs. 13  | Argol (Leghorn) bgs. 217, (Barcelona) cks. 51, (Oporto) cks. 19   |
| Acetone (Philadelphia) drms. 738   | Aspirin (Marseilles) cs. 27   |
| Albunin (Havre) cs. 40   | Balsam-fir (St. John, N.B.) brl. 1  |
| Alcohol, wood (U.S.A.) drms. 149   | Barium chloride (Marseilles) cks. 20  |
| Aloes (Mosel Bay) cs. 25   | Barium peroxide (Marseilles) cks. 110   |
| Alumina, sulphate (New York) bgs. 168  | Belladonna, etc. (Paris) brls. 21   |
| Ammon. nit. (Skien) cks. 192   | Benzoin (Penang) cs. 80   |
| Aniline dyes, colours, etc. (Boulogne) pkgs. 10, (Genoa) brls. 207, (Rotterdam) pkgs. 80, drms. 11, (St. Malo) pkts. 4, (New York) cs. 160, (Amsterdam) cks. 9, (Paris) cks. 5, cs. 16 | Boric acid (Leghorn) brls. 14, bgs. 60  |
| Anise oil (Hong-Kong) cs. 265, (Havre) cs. 50  | Calamus-root (Rotterdam) brls. 14   |
| Antiphlogistou (New York) cs. 785  | Calcium carbide (Skien) drms. 50, (Sarpsborg) 900   |
|  | Camphor (Kobe) cs. 25   |

|   |  |
|---|--|
| Carbon black (U.S.A.) brls. 250   | Lithopone (Rotterdam) cks. 212   |
| Cardamoms (Colombo) cs. 104, (Calcutta) 41  | Magnes. chlor. (Rotterdam) cks. 48, drms. 108  |
| Caraway-seed (Holland) bgs. 260   | Magnes. sulph. (Genoa) brls. 80  |
| Cashew-nuts (Tellicherry) cs. 150, (Bombay) 115   | Magnesite (Drammen) bgs. 204   |
| Cassia lignea (Hong-Kong) cs. 200   | Menthol (Yokohama) cs. 20  |
| Cassia oil (Hong-Kong) cs. 45   | Mercury (New York) flasks 250  |
| Castor oil (Calcutta) cs. 166   | Milk-sugar (Cherbourg) cs. 20  |
| Chemical products (Boulogne) cs. 19, (Havre) pkgs. 29, (New York) pkgs. 208, (Dunkirk) cks. 105, pkgs. 50, (Paris) pkgs. 77, (Dieppe) cks. 31, (Marseilles) cks. 99, cs. 19 | Mineral waters (Rotterdam) cs. 131, (St. John, N.B.) 200, (Treport) cs. 604, (Lisbon) cs. 92, (Paris) cs. 100, (Havre) 146, (Marseilles) 2,348               |
| Chillies (Marseilles) 160   | Mint oil (Yokohama) cs. 20   |
| Chrome alum (Rotterdam) cks. 34   | Nut oil (Rotterdam) brls. 343, cks. 37, drms. 82   |
| Cinchona (Amsterdam) brls. 614  | Olive oil (Leghorn) brls. 58, ½-cks. 10, ¼-cks. 10, (Genoa) cs. 25, (Bari) cs. 44, brls. 4, (Patras) brls. 250, (Marseilles) cs. 1,018, brls. 2,377, cks. 20 |
| Citrate of lime (Demerara) bgs. 6   | Opium (Calcutta) cs. 20, (Marseilles) cs. 30   |
| Citric acid (Marseilles) cks. 36  | Oxalic acid (Fredrikstad) cks. 40, (Rotterdam) cks. 30   |
| Citronella oil (Colombo) drms. 8  | Peppermint oil (New York) cs. 109  |
| Cloves (Penang) cs. 20, (Zanzibar) brls. 3,854; clove-stems (Zanzibar) 448, (Marseilles) 400  | Peptone (New York) pkgs. 216   |
| Cochineal (Teneriffe) 5   | Perfumery (Boulogne) cs. 25, (New York) 62, (Dieppe) 12  |
| Cocoa butter (Amsterdam) brls. 4  | Petrolatum (U.S.A.) brls. 250  |
| Coconut oil (Singapore) cs. 6,000, (Java) cs. 500, (Colombo) pps. 78, (Cochin) hds. 482, pps. 234, (Amsterdam) cs. 55   | Pimento (New York) 187, (Hali-fax) 100, (Marseilles) 48  |
| Cod-liver oil (Aalesund) brls. 70, (Rotterdam) cs. 70   | Potash carb. (Rotterdam) cks. 120  |
| Coriander-seed (Casablanca) bgs. 150, (Mazagan) 136   | Potash caustic (Christiania) drms. 17  |
| Cream of tartar (Marseilles) cks. 18, (Bordeaux) cks. 141, (New York) cks. 80   | Potash lyc (Christiania) drms. 33  |
| Cubebbs (Singapore) cs. 39  | Potash metabisulphite (Amsterdam) cks. 52  |
| Cumin-seed (Mogador) 23   | Potash muriate (Rotterdam) bgs. 1,200, cks. 100  |
| Dextrin (Rotterdam) bgs. 670  | Potash oxalate neutral (Fredrikstad) bgs. 20   |
| Divi divi (Curacao) bgs. 1,270  | Potash permang. (Rotterdam) dms. 40, (New York) bgs. 20  |
| Ergot (Spain) bgs. 31, (Lisbon) 16  | Potash prussiate (Rouen) cks. 6, (Rotterdam) cks. 29   |
| Essential oils (Amsterdam) cs. 8, (Hong-Kong) cs. 70, (New York) cs. 71, (Messina) cs. 17, (Marseilles) cs. 29, ck. 1   | Potash salts, various (Portland Maine) brls. 25, (Christiania) pkgs. 321, cks. 50, drms. 90  |
| Eucalyptus oil (Sydney) cs. 164, (Melbourne) cs. 120  | Quicksilver (see Mercury)  |
| Farina (Rotterdam) bgs. 2,440   | Quillaia (Valparaiso) 446  |
| Fenugreek-seed (Casablanca) bgs. 259, (Mazagan) 136   | Quinine (Batavia) cs. 125, (Rotterdam) cs. 25, (Amsterdam) cs. 25  |
| Formic acid (Rotterdam) cks. 85   | Rape-seed oil (Japan) cs. 2,000  |
| Ginger (Hong-Kong) cks. 250, cs. 250  | Rhubarb (Shanghai) cs. 12  |
| Glucose (New York) brls. 5,078, (Rotterdam) 40  | Roots, barks, herbs, etc. (New York) bls. 80; roots (Leghorn) bgs. 24  |
| Glycerin (Leghorn) drms. 30   | Saccharin (Bordeaux) cs. 120   |
| Gum arabic (Port Sudan) bgs. 87   | Sal acetos (Fredrikstad) bgs. 40   |
| Gum copal (Singapore) bkts. 241   | Saltpetre (New York) brls. 664, (Calcutta) bgs. 7,175  |
| Gum damar (Batavia) cs. 670   | Sandalwood (Sydney) bals. 30, pes. 960   |
| Gum kauri (Auckland) 117  | Sandarac (Mogador) cs. 19, bgs. 95, brls. 253  |
| Gums unenum, (Colombo) bgs. 143, (Mazagan) bgs. 16, (Mogador) 64, (Amsterdam) bkts. 113, bgs. 84, cs. 23, (New York) 30, (Bombay) bgs. 492                                  | Senna (Bombay) brls. 17, (Marseilles) brls. 15   |
| Honey (Honfleur) cks. 30, (New York) brls. 17   | Shell seed and sticklac (Calcutta) pkgs. 2,427, (Havre) pkgs. 25   |
| Indigo (Mazagan) brls. 3, (Calcutta) cs. 224, (New York) brls. 74, (Marseilles) cs. 11  | Soda bicarb. (New York) 34   |
| Ipecacuanha (Philadelphia) bgs. 15, (Monte Video) brls. 29  | Soda caustic (Philadelphia) drms. 75   |
| Juniper berries (Leghorn) bgs. 300  | Soda hypo. (New York) bgs. 280, brls. 300  |
| Lactic acid (New York) brls. 5  | Soda nitrate (Iquique) bgs. 37,827 (naval prize)   |
| Lead acetate (New York) brls. 12, (Rotterdam) cks. 27   | Soda sulphate (New York) bgs. 300  |
| Lemon oil (Palermo) pkgs. 11  | Soy (Hong-Kong) cks. 150   |
| Lime, borate (Antofagasta) bgs. 8,420   | Soya beans (Vladivostok) bgs. 69,767   |
| Lime-juice (Trinidad) cks. 14, (St. Lucia) cks. 15, (New York) hds. 3   | Sulphur (Catania) bgs. 3,275, pkgs. 70   |
| Lime oil (Trinidad) cs. 6, (St. Lucia) cs. 21   | Sulphuric acid (New York) drms. 50, tons 1,600   |
| Linsced (Calcutta) bgs. 3,407, (Frisco) bgs. 14,508, (Bombay) bgs. 24,032   | Tartar (Barcelona) brls. 45, (Marseilles) cks. 96  |
| Liquorice-juice (Naples) cs. 66   | Tartaric acid (Marseilles) cks. 44, (Leghorn) bgs. 100, (Bari) brls. 45, (Naples) brls. 10   |

Zinc oxide (U.S.A.) brls. 1,879



### Continental Drug and Chemical Markets.

The following notes chiefly refer to the Hamburg and Berlin markets of January 9 and 16:

**AMMON. CARB.**—At the end of the year the inland makers had many difficulties in meeting the increased demand. At present the demand has diminished and the production has much increased, so that the home buyers can now easily be met. Before the outbreak of war large quantities were imported.

**BALSAMS.**—*Copaiba* is quite neglected; offers are made at very low prices—m.2.80 to m.4.20 per kilo. Business is almost impossible in *Peru* balsam at m.22.50 per kilo.

**BENZON.**—Sumatra is unchanged, best streaky seconds with bold almonds selling at m.375, fair seconds from m.325 to m.285. Palembang has been active, fair selling at m.190. Siam is becoming very scarce, from m.16 to m.17.50 having been paid for bold almonds, and m.10 to m.12 for small almonds; grains are quoted m.8.50 to m.9.50 and block m.4.75 per kilo.

**CUMIN-SEED** has been in active demand, with sales of Morocco at m.95 and Maltese at m.100.

**ERGOT.**—In spite of the small stocks, prices are relatively low, Russian and Spanish being m.675 per 100 kilos. Hungarian ergot has arrived on the Berlin market, and prices are cheaper at m.6 to m.6.50 per kilo.; more demand has been evinced, but with no important business.

**HEXAMINE.**—The demand is still active at from m.470 to m.480 per 100 kilos.

**IPECACUANHA** is very firm, with only small stocks. Rio has been sold at m.33 per kilo.; Cartagena is quoted m.24.

**JALAP.** after being neglected for a lengthy period, suddenly became active; prices vary from m.150 to m.350, as to resin-content.

**KOLA.**—Demand has fallen off and prices are easier, quarters offering at m.130 and halves at m.125 per 100 kilos.

**LYCOPodium** is firm, but quiet, at m.660 per 100 kilos, in cases and m.650 in bags.

**Mastic** is cheaper, as the offers have increased, fair tear being obtainable at m.10 per kilo.

**MENTHOL.**—Since the outbreak of war there has been a series of lawsuits between sellers and buyers of menthol and Japanese mint oil, the larger proportion of which have not been decided. Menthol has been selling at m.31.50 per kilo., and in quantities of at least five cases m.30; recrystallised is quoted m.34 to m.34.50, as to quantity. A later advice (January 19) reports an easier market, with sellers at m.29.50.

**MERCURY.**—Price fluctuates almost daily, as the supply is quite irregular and very difficult to obtain, as it is under the control of the War Council; m.225 per flask was the last price asked (January 13).

**MOLYBDENUM PREPS.**—Supplies of raw material are very scarce, and prices have considerably advanced; for molybdic acid m.24 to m.25 per kilo, has been paid, and also the same price for ammonium molybdate.

**OILS (FIXED) AND FATS.**—*Linsced.* German m.96, and Dutch m.89.50. *Rape.* m.144; refined, m.146. *Palm-kernel* is scarce at m.140. *Soya-bean* firm at m.118 to m.120. *Lagos Palm* is extremely scarce at m.132. *Cochin Coconut* oil, m.160. *Hankow Wood oil* meets with a very small demand at m.95. *Cottonseed* firm at from m.93 to m.100. *Castor* is available in very small quantities, at m.265 for first pressing and m.230 for second pressing. *Earth-nut* firm at m.117.50 to m.120. *Tallow* is very scarce and firm, at from m.125 to m.130 for soapmakers' use, and at from m.130 to m.155 for food-purposes. *Steam-refined Cod-liver oil* has much advanced, and all imports are immediately taken over by the War Council, by a decree issued at the beginning of January.

**OPium** is offered freely from several sources, but business is dull; 10-per-cent. is quoted at from m.44 to m.46 per kilo, from first-hands.

**PEPPERMINT OIL.**—Dull. So-called Wayne County is quoted at m.13 per lb. and H.G.H. at m.19.50.

**QUILLAI.**—Whole is almost unobtainable, and for the small lots still to be had in Hamburg m.125 to m.130 per 100 kilos, is asked. Cut is relatively cheap, and obtainable at m.110 to m.115. Prices are advancing as endeavours to obtain imports by way of neutral countries have failed.

**SHELLAC.**—There is practically no demand, and prices are unaltered at m.185 for TN; AC Garnet is m.185, and GAL m.180 per 100 kilos.

**TANTALUM.**—In Russia ores have been found which are reported to contain a considerable quantity of tantalum.

**THYMOL.**—Small sales have been made from second-hands at m.40 to m.42 per kilo.; makers do not offer.

**WAXES.**—For *Carnauba* there is practically no demand. Fatty grey has been offered in vain at m.440 to m.445; sandy grey at m.425 to m.430 per 100 kilos. *Japan wax* is scarce, and m.195 to m.200 per 100 kilos, has been asked and paid.



### Memoranda for Correspondents.

Communications should be accompanied by the names and addresses of the writers, otherwise they cannot be dealt with. Queries by subscribers on dispensing, legal, and miscellaneous subjects connected with the business are replied to in these columns if they are considered to be of general interest.

Correspondents are requested to write each query on a separate piece of paper. Every endeavour is made to reply to queries without delay, but insertion of the replies in "the next issue" cannot be guaranteed, nor, as a rule, can they be sent by post.

Letters submitted for publication (if suitable) should be written on one side of the paper only. Their publication in "The Chemist and Druggist" does not imply Editorial agreement with the opinions expressed, even when the writers use a "nom de plume."

Complete and systematic indexes of the "C. & D." are presented with the last issues in June and December each year. Every subject dealt with week by week is included, and correspondents are advised to refer to these and the "C. & D. Diary" before asking the Editor for information, so as to save time.

#### Aconite and Tr. Aconiti, B.P.

SIR,—I notice in calculation in the assay for radix and tinctura aconiti in the British Pharmacopœia, 1914, that after titrating the alkaloids to multiply the number of c.c. of N/20  $H_2SO_4$  required by 0.3217, which I see they have multiplied by 10, as they only start on 10 grams, and this gives the percentage ( $N/20 H_2SO_4 = 0.03217$ ). But I think it would have been much better expressed as multiply the difference by 0.03217, and this product by 10, which will give the percentage. Then in the assay for the tincture read, after evaporation proceed as directed under radix aconiti, with the exception that the multiplication by 10 be omitted. For if you multiply the number of c.c. of N/20  $H_2SO_4$  required to neutralise the alkaloids in 100 c.c. of tincture by 0.3217 it will give a reading of 0.4 instead of 0.04. I also always use N/50 NaOH for titrating back, as the number of c.c. of N/20 acid required is so small.

Leicester.

Yours faithfully,

JOHN SANDERS.

#### Insurance Dispensing in London.

SIR,—I, and no doubt all panel chemists in the county of London, received from Mr. Tocher a circular asking us to be more careful and—shall I say?—conscientious in the dispensing of Insurance prescriptions, as complaints against chemists are becoming more frequent. I think Mr. Tocher and the Committee he represents would have fewer, if any, complaints against panel chemists if the Insurance Committee met its liabilities in full and when due. The human element is bound to show itself, and a chemist who has a fairly good business is not going to worry himself, not even intentionally to rob or do an injustice to either the Insurance Commissioners or patients, or to do his dispensing as carefully as he would attend to his regular customer, who pays cash on the spot or meets his monthly account promptly and in full. Personally, I am disgusted with the treatment we are receiving, and take good care that my regular customers come first in the matter of attention. When Insurance patients complain of having to wait, I tell them that if they had to wait as long for their medicine as I have to wait for payment for it, they might have cause to grumble.

Yours faithfully,

PANEL CHEMIST. (209/3.)

#### Window-dressing for Chemists.

SIR,—The article dealing with chemists' windows in last week's issue of the *C. & D.* should help to bring home to many of us chemists the fact that we have, as a body, neglected a most valuable form of advertising. The special cough-lozenge display by Mr. Jones greatly interested us, and, while congratulating him upon the originality of the display and the result obtained, we must take exception to the high proportion of expenses incurred compared with the profits earned. Not all chemists possess the gift of originality in arranging window-displays; those so gifted may not be able to expend the necessary time, and are compelled to leave this work to an assistant, who generally puts in as little "idea" and "originality" as possible. To those so situated perhaps our experience with a similar lozenge during the past few winters will show how it is possible at least to equal the results of Mr. Jones's



display, at practically no expense to themselves. Our sales each winter have exceeded 5 cwt., while this winter we are well on the way with the sixth hundredweight, notwithstanding the fact that they were taken from the window for three weeks to allow for the display of Christmas perfumery, during which time the sales averaged over 30 lb. per week. We obtain our supplies from an up-to-date firm, regular advertisers in your paper, and they supply free of charge all the necessary material for a striking display; further, any ideas for a show submitted to them are worked up by their artists and supplied free. Also cartons, bearing the name and address, are supplied, and they form a valuable advertising medium.—Yours truly,

EASTERN COUNTIES. (250/54.)

#### Profits on Patent Medicines.

SIR,—We should like to bring before your readers and the trade generally an aspect of a question which is engaging the attention of chemists just now—viz., the selling of proprietary or patent medicines which bear little or no profit, and in some cases involve a loss; and it is this: Is not the chemist himself largely to blame? We cite the following instance. We are a well-known firm, established in the City of London for just on a century. We have lately put on the market a genuine and specific remedy (much needed) for a very prevalent complaint, and are endeavouring, by giving a good profit, to get the trade to co-operate with us in placing the preparation before the public. What is the result? A small number of chemists are working with us in this way, and doing well with the article, but in the majority of cases we are told, after fully explaining our terms, "You advertise and create a demand, and then we will stock it." If we advertise and create a demand we shall not need to ask the trade to stock it—the public demand will ensure that. We are aware that chemists, in times gone by, have been left with useless stocks on their hands; and it may also be said that the profit offered by the manufacturers will not be maintained; but surely some account should be taken of the standing of the firm; and, with regard to the maintenance of the profit, we, personally, are quite willing to guarantee this, on certain conditions. In this way thousands of pounds could be spent in the trade which now goes into other channels, and yet the great majority of chemists, as we have said, will not be convinced. We should like to hear the views of your readers on this important matter.—Yours truly,

FORTY YEARS' SUBSCRIBER. (253/67.)

### Subscribers' Symposium.

For interchange of opinion among "C. & D." readers, and brief notes on business and practical topics, especially new ideas.

#### If not Proprietary.

"Will any Glamorgan chemist kindly furnish me with the recipe for Dafydd Thomas Rees' powders or ox-spice? It was fairly well known in the Pontypridd district years ago, and is still occasionally asked for."—M. L. G. (250/23).

#### Turnip-seed Dressing.

"In this neighbourhood we sell a good deal of ol. succini rect. for this purpose. The seed is moistened with this previous to sowing. Perhaps this is what is wanted?"—A. C. Gee (Redruth).

"Dethfli," made by Evan Sons Lescher & Webb, Ltd., is suggested by another correspondent (253/35).

#### Nemo me Impune Lacasset.

"Apropos your last week's Editorial *re* unusual doses, Five chemists heartily endorse your opinion. Generally speaking, we Scottish chemists are 'tired' of the Society's kid-glove actions, and, though anxious to maintain friendly relations with the medicos, we resent 'official servility.' We congratulate the C. & D. on the Winter Issue. It is so entertaining, educative, and 'business as usual' like."—Fifer (251/38).

### Miscellaneous Inquiries.

*Bovol* (206/41).—BEEF-CUBES.—We have no formula for these, but the ingredients are meat extract, gelatin, and salt—the last named often in quite large proportion.

*Zemo* (197/2).—The insects you send are probably *Sitotroga panicea*, N.O. *Coleoptera*, family *Ptinidae*.

W. A. W. (211/17).—HAIR-WASH.—The sample you send has a good proportion of eau de Cologne in its composition. The colouring-matter appears to be cochineal. It contains possibly some tinct. canthar., but we have not been able to confirm this. These suggestions will enable you to compound a similar wash.

*Epsom* (236/34).—THE STAIN-REMOVING FLUID is a mixture of carbon tetrachloride and benzine. Similar fluids are known as non-inflammable benzine.

H. B. R. (236/51).—BOOKS ON RADIOGRAPHY.—See C. & D., January 9, p. 60.

*Mountjoy* (184/35).—CHILLIE-EMBROCATION.—The following is the formula to which you refer:

|                    |     |     |     |           |
|--------------------|-----|-----|-----|-----------|
| Soft soap          | ... | ... | ... | 7½ parts  |
| Camphor            | ... | ... | ... | 5 parts   |
| Turpentine oil     | ... | ... | ... | 86½ parts |
| Capsicum oleoresin | ... | ... | ... | 1½ part   |
| Water              | ... | ... | ... | 49 parts  |
| Colouring-matter   | ... | ... | ... | 9½ parts  |

The last ingredient may be oil coloured with alkanet. The above forms a good liniment for general or special sale.

W. V. W. (16/12).—There is nothing distinctive about the ointment you send. It resembles most ung. sambuci flor.

G. D. M. (226/75).—COUGH-BALSAM.—The following recipe resembles your sample, and makes a good mixture for general sale:

|               |     |     |     |         |
|---------------|-----|-----|-----|---------|
| Succ. solazzi | ... | ... | ... | 3iv.    |
| Ol. anisi     | ... | ... | ... | 3iss.   |
| Chloroformi   | ... | ... | ... | 3iss.   |
| Sacch. alb.   | ... | ... | ... | lb. iv. |
| Aquam ad      | ... | ... | ... | Oilss.  |

Dissolve the sugar and liquorice in boiling water, and when cold add the other ingredients, shaking well.

Dose: One to two teaspoonfuls three or four times a day.

J. McC. (232/48).—CHILBLAIN-OINTMENT.—A mixture of ung. resinae (containing turpentine in place of olive oil) and ung. iodi (a small proportion) would make an ointment like your sample.

Tipperary (247/21).—WORM-POWDERS FOR CHILDREN, free from santonin:

|                    |     |     |     |      |
|--------------------|-----|-----|-----|------|
| I. Pulv. scammonii | ... | ... | ... | 3ij. |
| Pulv. aromatici    | ... | ... | ... | 3iv. |

Misce. Dose: For two years, 2 gr.; three years, 3 gr.; and 1 gr. for each year up to fourteen years.

|                |     |     |     |      |
|----------------|-----|-----|-----|------|
| II. Pulv. rhei | ... | ... | ... | 3j.  |
| Pulv. jalapae  | ... | ... | ... | 3j.  |
| Catomelanos    | ... | ... | ... | 3ss. |

Misce. Dose: For one year, 4 gr.; two to three years, 5 to 6 gr.; three to five years, 6 to 7 gr.; five to seven years, 7 to 8 gr.; seven to eight years, 8 to 10 gr.

We agree with you that the price to which santonin has advanced is quite unparalleled in the history of the drug-trade.

*Alpha* (250/52).—MOISTURE IN WOOD.—The wood should be dried to constant weight to arrive at its moisture-content. The process consists in drying the samples in a water-bath, and weighing at intervals of an hour until no further loss of weight takes place.

## Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," February 15, 1865.

#### Gossip.

Mr. Stoddart, chemist and druggist, Grassmarket, Edinburgh, has opened a branch establishment at the Grange, Edinburgh.

Mr. J. C. Pottage, homœopathic chemist, Princes Street, Edinburgh, has opened a branch establishment in Union Street, Glasgow.

Mr. L. Carmichael, chemist, Queensferry Street, Edinburgh, has disposed of his Leith Street branch establishment to Mr. A. Hogg.

Mr. Mortimer, of the firm of Clingan & Mortimer, family and dispensing chemists, Princes Street, Edinburgh, has so far recovered from his late illness as to be able to attend to business.

Mr. Stephenson, who for several years has been junior partner with Mr. Robertson, dispensing chemist, George Street, Edinburgh, has commenced business in the same line on his own account.

Mr. Brown, who has been head assistant with Mr. John Mackay, chemist, George Street, Edinburgh, for several years, is now associated with Mr. Robertson, chemist, George Street, Edinburgh, as junior partner. On the eve of Mr. Brown's leaving a dinner was given by his numerous friends. Mr. Mackay occupied the chair, and Mr. Brown, who is a clever vocalist, gave with great spirit several Scottish songs.



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Francis Longmore & Co., Bourke St., Melbourne. INDIA and THE EAST: Thos. Christy & Co. (Mr. R. W. Wright),  
2 Mission Row, Calcutta. CANADA: Hardy-Wyndham Company, Montreal.



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The following is taken from the report of a leading West-end chest specialist :—

"All the cases (8) are proved cases, i.e. the *Bacillus of Tuberculosis* has been discovered in them—they were also extensively affected—both sides, and in the majority all five lobes. With treatment on ordinary lines one would not expect much benefit in these cases, specially when one considers that the home conditions are, with few exceptions, bad, and that they are not able to obtain a regular supply of good nourishing food. However, all the cases have shown some improvement, which in some is more marked than others, and although it is early to claim them as permanent cures, I have not the slightest doubt that with perseverance in the treatment they will become so. In my opinion we have in Pneumosan a very powerful ally in our struggle against tuberculosis."

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|   | A   | B   | C    | D            |
|---|-----|-----|------|--------------|
| B. Influenzæ ... ..                           | 125 | 250 | 500  | 1000 million |
| Streptococci ... ..                           | 125 | 250 | 500  | 1000 million |
| Pneumococci ... ..                            | 125 | 250 | 500  | 1000 million |
| M. catarrhalis (group) ... ..                 | 125 | 250 | 500  | 1000 million |
| Staphylococci ... ..                          | 250 | 500 | 1000 | 2000 million |
| Per package of 4 syringes (A, B, C, D) ... .. |     |     |      | 16/6         |
| Single syringe, D strength ... ..             |     |     |      | 6/3          |



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| 4 oz. Bottles    | 5/- per doz. | 7½d. each (P.A.T.A.) |   |
| 8     "     "    | 8/-     "    | 1/-     "            | " |
| 16   "     "     | 14/-   "     | 1/9   "              | " |

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| "          2s. 9d. " (168 " ) ....                          | .... 25/-              |

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N.B.—We would draw attention to the fact that all prices quoted herein are subject to alteration without notice, and that where stocks are limited preference is always given to our regular customers.

\*Acet. Ipecac. B.P., 7 lbs. @ 1/9 lb.  
 Scilla, P.B., 7 lbs. @ 4½d. lb.  
 \*Acid. Acet. Glacial, 99%, 12 6-lb. bots. @ 9d. lb.; 6 lbs. @ 10½ lb.  
 Boric Pulv., 3 cwt. @ 34/- cwt.; 1 cwt. @ 34/6 cwt.; leviged, 3/- cwt. or ¼d. lb. extra.  
 Carbol. Xtls., 39/40; 56 lbs. @ 1/3 lb.; 10-lb. Tins @ 13/- each; 36 1-lb. Bots. @ 1/5 lb.; Single Bots. @ 7 lb.  
 Diethylbarbituric, 1 oz. @ 2/6 oz.  
 Hydrobrom., Dil. P.B., 6 lbs. @ 1/3½ lb.  
 Oxalic Cryst., 14 lbs. @ 9d. lb.  
 Phosph. Dil., B.P., 7 lbs. @ 4½d. lb.  
 Tannic B.P., 1 lb. @ 5/3 lb.  
 Tart., cryst. or pulv. B.P., 1885, 1 cwt. @ 1/7½ lb.; 7 lbs. @ 1/8 lb.; parv. ¼d. lb. extra.  
 Adeps Benz., B.P., 28 lbs. @ 9d. lb.; 7 lbs. @ 10d. lb.  
 Ammon. Carb. lump, 3 cwt. @ 4½d. lb.; 28 lbs. @ 5½d. lb.; 7 lbs. @ 6d. lb.; powder, ¼d. lb. extra.  
 Amyli Pulv., 10 cwt. @ 13/- cwt.; 2½ cwt. @ 14/- cwt.; 1 cwt. @ 16/- cwt.  
 Antim. Tart. pulv., 7 lbs. @ 2/- lb.  
 \*Aqua Anethi Conc., 1-40, 1 lb. @ 2/11 lb.  
 " Anisi Conc., 1-40, 1 lb. @ 3/1 lb.  
 " Aurant. Conc., 1-40, 1 lb. @ 6/1 lb.  
 " Cinnam. Conc., 1-40, 1 lb. @ 3/4 lb.  
 " Menth. Pip. Conc., 1-40, 1 lb. @ 3/- lb.  
 " Rosæ Conc., 1-40, 1 lb. @ 7/- lb.  
 Bals. Copaiha, pure, 44 lbs. @ 1/8½ lb.; 9 lbs. @ 1/11 lb.; 1 lb. @ 2/2.  
 Bals. Tolut., 50 lbs. @ 2/- lb.; 1 lb. @ 2 8 lb.  
 Bismuth, P.B., Carb., 7 lbs. @ 11/9 lb.; 3 lbs. @ 12/- lb.; 1 lb. @ 12/4 lb.; subnit. 1/- lb. less.

Camphor, English Flowers, "not artificial," 5 lbs. @ 2/4 lb.; ½ oz. or ¼ oz. 7 lb.; 2/- lb.; Chloral Hydras Cryst., B.P., 7 lbs. @ 6/8 lb.; 1 lb. @ 6/11 lb.  
 \*Chlorodyne, 5 lbs. @ 2/- lb.  
 \*Chloroform, pure, B.P., 12 8-lbs. @ 1/9 lb.; 8 lbs. @ 1/10 lb.; 6 1-lb. bots. @ 2/- lb.  
 Cont. Sennæ, P.B., 14 lbs. @ 9d. lb.; 7 lbs. @ 9½d. lb.  
 Creasote, Beechwood, P.B., 7 lbs. @ 3/6 lb.  
 Creta c. Camph., 7 lbs. @ 8d. lb.

\*Dec. Aloes Co. Conc., 1-2, 6 lbs. @ 1/10 lb.; Sincroco, 6 lbs. @ 1/2 lb.  
 " Cinchona (Rubra) Conc., 1-7, 6 lbs. @ 1/10 lb.; Senegæ Conc., 6 lbs. @ 2/6 lb.

\*Emp. Picis, P.B., 7 lbs. @ 8½d. lb.  
 " Plumbi P.B., 7 lbs. @ 8½d. lb.  
 " Resinæ, P.B., 7 lbs. @ 8½d. lb.  
 " Roborans, 7 lbs. @ 8½d. lb.  
 Emulsio Ol. Morrhua, 5 lbs. @ 11d. lb.  
 \*Ext. Belladonna Liq., B.P., 5 lbs. @ 7/- lb.; 1 lb. @ 7/6 lb.; solid, 7 lbs. @ 4/7 lb.  
 Ext. Cannab. Ind., Alc., B.P., 1 lb. @ 45/- lb.  
 Ext. Cascara Sag. Liq., B.P., 1 cwt. @ 1/2½ lb.; 10 lbs. @ 1/4 lb.  
 \*Ext. Ergot. Liq. P.B., 5 lbs. @ 4/9 lb.; 1 lb. @ 5/3 lb.  
 \*Ext. Glycyrrh. Liq., B.P., 6 lbs. @ 1/7½ lb.  
 \*Ext. Hamamelis Liq., P.B., 5 lbs. @ 3/5 lb.  
 Ext. Hyoseyam., Solid, B.P., 3 lbs. @ 5/1 lb.; 1 lb. @ 5/5 lb.  
 \*Ext. Ipecac. Liq., P.B., 5 lbs. @ 18/6 lb.; 1 lb. @ 19/6 lb.  
 Ext. Malti c. Ol. Jecoris, 10 lbs. @ 5½d. lb.  
 \*Ext. Nucis Vom. Liq., P.B., 5 lbs. @ 3/5 lb.; 1 lb. @ 3/8 lb.; solid, 5 lbs. @ 3/7 lb.; 1 lb. @ 3/10 lb.  
 Ext. Quassia, Solid, 7 lbs. @ 6/- lb.; 1 lb. @ 6/4 lb.  
 Ext. Sarsæ Co. Solid, 7 lbs. @ 6/- lb.; 1 lb. @ 6/6 lb.  
 Ferri Ammon. Cit., P.B., 28 lbs. @ 2/9 lb.; 7 lbs. @ 2/10½ lb.  
 Ferri Carb., 1 cwt. @ 21/- cwt.; 28 lbs. @ 3d. lb.

Ferri et Quinina Cit., P.B., 100 ozs. @ 6½d. oz.; 25 ozs. @ 7½d. oz.  
 Fol. Buchu, oval, good green, 7 lb. @ 2/8 lb.  
 Fol. Sennæ Tinnev., 1 cwt. @ 5½d. lb.; 7 lbs. @ 6d. lb.  
 Formaldehyde, 4 cwt. barrels @ 61/- cwt.; 7 lbs. @ 10d. lb.

Glycerin. Opt. D.D., 1.260 P.B., 1 cw. @ 105/- cwt.; 56 lbs. @ 106/- cwt.; 12 lbs. @ 1/2 lb.  
 \*Glycerin. Acid, Boric, P.B., 6 lbs. @ 1/6 lb.  
 " Acid. Carbolic, P.B., 6 lbs. @ 1/6 lb.  
 " Acid. Tannic, P.B., 6 lbs. @ 2/2 lb.  
 Belladon. B.P.C., 6 lbs. @ 3/- lb.; 1 lb. @ 3/3 lb.  
 \*Glycerin. Boracic, P.B., 6 lbs. @ 1/3 lb.  
 " Pepsin. Acid, P.B., 1 lb. @ 3/6 lb.  
 " Plumbi Subacet. P.B., 6 lbs. @ 1/7 lb.

Gum Tragac Elect., English Ground, 7 lbs. @ 10/- lb.; 1 lb. @ 10 6 lb.  
 Hexamethylenetetramine, 7 lbs. @ 3/10 lb.; 1 lb. @ 4/1 lb.

\*Inf. Aurant. Conc., 1 to 7, 6 lbs. @ 1/3 lb.  
 " Aurant. Comp. Conc., 1 to 7, 6 lbs. @ 1/3 lb.  
 " Buchu Conc., 1 to 7, 6 lbs. @ 2/2 lb. lb.  
 " Calumbæ Conc., 1 to 7, 6 lbs. @ 11d. lb.  
 " Caryoph. Conc., 1 to 7, 6 lbs. @ 1/- lb.  
 " Cascarilla Conc., 1 to 7, 6 lbs. @ 1/4 lb.  
 " Cinchona Acid, 1 to 7, 6 lbs. @ 1/7 lb.  
 " Gentianæ Co., 1 to 7, 6 lbs. @ 1/1 lb.  
 " Quassia Conc., 1 to 7, 6 lbs. @ 9d. lb.  
 " Rhei Conc., 1 to 7, 6 lbs. @ 1/6 lb.  
 " Rosæ Acid, Conc., 1 to 7, 6 lbs. @ 1/8 lb.  
 " Senegæ Conc., 1 to 7, 6 lbs. @ 2/1 lb.  
 " Valerian Conc., 1 to 7, 6 lbs. @ 1/3 lb.

**NEW DETAILED  
LIST FOR 1915  
NOW READY.**

Iodum resub., B.P., 7 lbs. @ 17/- lb.; 1 lb. @ 17/10 lb.  
 \*Lin. Aconiti Meth., 5 lbs. @ 1/2 lb.; 1 lb. @ 1/5 lb.  
 " Bellad. Meth., 5 lbs. @ 2/9 lb.; 1 lb. @ 3/- lb.  
 " Camph. P.B., 40 lbs. @ 1/- lb.; 9 lbs. @ 1/5 lb.  
 " Sapo Meth., 9 lbs. @ 7d. lb.  
 " Tereb. Acet., B.P., 5 lbs. @ 1/- lb.  
 \*Liq. Ammonii Acetatis Conc., 1-7, 6 lbs. @ 8d. lb.; 1 lb. @ 1/- lb.  
 " Ammon. Aromat., 6 lbs. @ 9d. lb.  
 " Arsenicalis, B.P., 7 lbs. @ 4d. lb.; 1 lb. @ 7d. lb.  
 " Arsenii Hydrochlor., P.B., 7 lbs. @ 4d. lb.; 1 lb. @ 7d. lb.  
 " Bismuth, P.B., 6 lbs. @ 1/3 lb.  
 " Easton, p.s. 1-3, B.P., 1 lb. @ 3/- lb.  
 " Ferri Perchlor. Fort., P.B., 7 lbs. @ 4d. lb.  
 " Ferri Perchlor. Co. p.s., 1-7, 7 lbs. @ 1/6 lb.  
 " Hamamelidis B.P., 6 lbs. @ 1/1 lb.  
 " Hypophosph. Co., p.s., B.P.C., 1 lb. @ 3/8 lb.  
 " Iodi Fort., B.P., 5 lbs. @ 6/- lb.  
 " Morphina Acet. or Hydrochlor., P.B., 6 lbs. @ 3/4 lb.  
 " Opii Sed., 5 lbs. @ 4/6 lb.  
 " Pruni Virg. p.s., 1-7, 5 lbs. @ 2/6 lb.  
 " Rhei, p.s. 1-7, 6 lbs. @ 2/2 lb.  
 " Santali Co., 1 lb. @ 4/- lb.  
 " Strychnina Hyd., P.B., 6 lbs. @ 1/6 lb.  
 " Tolut. pro Syr., 1-7, 6 lbs. @ 1/8 lb.

Mag. Calc. Pond, 7 lbs. @ 1/10 lb.; 1 lb. @ 2/- lb.  
 Mag. Carb. Pond., 56 lbs. @ 6½d. lb.; 7 lbs. @ 7½d. lb.  
 Mag. Sulph., fine druggists', B.P., 1 cwt. @ 9/-  
 \*Mist. Sennæ Comp., B.P., 20 lbs. @ 6½d. lb., 6 lbs. @ 7½d. lb.

Morphina Acet. Hydrochlor. or Sulph., Pulv. B.P., 25 oz. @ 13/8 oz.; 16 oz. @ 13/10 oz.; 8 oz. @ 14/- oz.; 1 oz. @ 17/9 oz.; Pur. Præcip. Bimeconate or Tart 1 oz. @ 17/9 oz.

Naphthalene Candles or Balls, 1 cwt. @ 15/6 cwt.; 56 lbs. @ 18/- cwt.; 28 lbs. @ 19/6 cwt.

Ol. Cajuput, B.P., 7½ oz. bots @ 3/- lb.  
 " Caryoph. Ang. B.P., 9 lbs. @ 4/11 lb.; 4½ lbs. @ 5/1 lb.

Ol. Cor. Nucis, finest White, 80 lbs. @ 4/- cwt.; 40 lbs. @ 67/- cwt.

Ol. Eucalypt., B.P., 1 cwt. @ 1/4½ lb.; 28 lbs. @ 1/5½ lb.; 9 lbs. @ 1/7 lb.

Ol. Juniperi Bacc., B.P., 1 lb. @ 6/3 lb.; Ligne Exot., 1 cwt. @ 1/7 lb.; 28 lbs. @ 1/9 lb.; 9 lbs. @ 1/10 lb.

Ol. Lavand. ab Flor., 5 lbs. @ 12/- lb.; 1 lb. @ 12/6 lb.

Ol. Menth. Pip. English, 5 lbs. @ 33/6 lb.; 1 lb. @ 34/6 lb.; American, 20 lbs. @ 7/9 lb.; 4½ lbs. @ 8/3 lb.; 1 lb. @ 9/3 lb.

Ol. Olive, P.B., good yellow, guaranteed pure, 2 gall. tins @ 5/11 gall.; fine creau, 9 lb. tins @ 8/6 each.

Ol. Peach Kernel (so called), 1 cwt. @ 1/3 lb.; 56 lbs. @ 1/5 lb.; 9 lbs. @ 1/6 lb.

Ol. Pulegii B.P., 5 lbs. @ 5/3 lb.; 1 lb. @ 5/9 lb.  
 Ol. Ricini Alb. Opt. Medicinal, 44 lbs. @ 52/6 cwt.; 9 lbs. @ 7½d. lb.; for export, 1 cwt. drums recommended, 9/6 each extra.

Ol. Santal. Flav. Ang. B.P., 5 lbs. @ 22/6 lb.; 1 lb. @ 23/- lb.

Ol. Wintergreen, Artificial, 5 lbs. @ 4/- lb.; 1 lb. @ 4/6 lb.

Opium Turc. B.P., 14 lbs. @ 29/- lb.; 3 lbs. @ 30/- lb.; 1 lb. @ 31/- lb.; powder, 6d. lb. extra.

Oxymel Scilla, B.P., 5 cwt. @ 34/6 cwt.; 1 cwt. @ 36/6 cwt.; \*7 lbs. @ 7d. lb.

Pepsin, B.P., 1 lb. @ 13/- lb.  
 Phenacetin, P.B., pulv., 1 lb. @ 7/3 lb.  
 Phenazone, P.B., 1 lb. @ 1/6 lb.

Potass. Acetas, Gran., P.B., 7 lbs. @ 1/6 lb.  
 Potass. Bicarb. Pulv., 7 lbs. @ 7d. lb.  
 Potass. Brom. 7 lbs. @ 3/8 lb.; 1 lb. @ 3/10 lb.

Potass. Chlor. Pulv., 7 lbs. @ 1/4 lb.  
 Potass. Cit., P.B., 4 lb. @ 3/- lb. [14/- lb.]  
 Potass. Iod., P.B., 7 lbs. @ 13/4 lb.; 3 lbs. @ 13/5 lb.  
 Potass. Prussias Flav., 7 lbs. @ 1/5 lb.

Pulv. Creta Arom. P.B., 14 lbs. @ 7d. lb.; c. Opio, B.P., 7 lbs. @ 1/9 lb.

Pulv. Glycyrrh. Co. B.P. (Green), English Ground, 56 lbs. @ 4/- cwt.

Pulv. Ipecac. Comp. P.B., 1 lb. @ 5/3 lb.  
 " Jalap Comp. P.B., 1 lb. @ 1/9 lb.  
 " Rhei Comp. P.B., 1 lb. @ 1/2 lb.

Quinina Sulph., B.P., 100 oz. @ 1/2 oz.; 25 oz. @ 1/3½ oz.; 10 oz. @ 1/4 oz.

Salicinum, B.P., 1 lb. @ 16/10 lb.  
 Salol, B.P., 1 lb. @ 7/- lb.  
 Santoninum, P.B., 8 oz. @ 235/- lb.  
 Soda Cit., B.P., 1 lb. @ 3/3 lb.

Thymol, 1 lb. @ 26/- lb.

Ung. Acid. Boric, P.B., 28 lbs. @ 7½d. lb.; Flav. 23 lbs. @ 5½d. lb.  
 Hydragr. Ammon. B.P., 28 lbs. @ 1/- lb.; 7 lbs. @ 1/3 lb.  
 Paraff. Alib., P.B., 28 lbs. @ 8½d. lb.; 7 lbs. @ 9½d. lb.; 1 lb. @ 11½d. lb.; Flav. 28 lbs. @ 6½d. lb.; 7 lbs. @ 7½d. lb.  
 Resinæ, P.B., 23 lbs. @ 1/- lb.; 7 lbs. @ 1/1 lb.

\*Minimum quantity at these prices; Home Trade, a Winchester Quarts assorted; Export, 12 Winchester Quarts assorted.  
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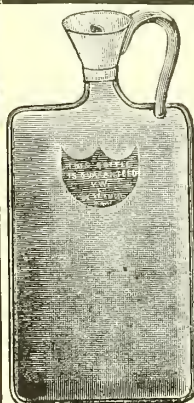
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50 lb. 66/6, 55 lb. 72/6, 60 lb. 78/6,  
65 lb. 84/6, 70 lb. 90/6, 75 lb. 96/6,  
80 lb. 102/6, 85 lb. 108/6, 90 lb. 114/6,  
95 lb. 120/6, 100 lb. 126/6, 105 lb. 132/6,  
110 lb. 138/6, 115 lb. 144/6, 120 lb. 150/6,  
125 lb. 156/6, 130 lb. 162/6, 135 lb. 168/6,  
140 lb. 174/6, 145 lb. 180/6, 150 lb. 186/6,  
155 lb. 192/6, 160 lb. 198/6, 165 lb. 204/6,  
170 lb. 210/6, 175 lb. 216/6, 180 lb. 222/6,  
185 lb. 228/6, 190 lb. 234/6, 195 lb. 240/6,  
200 lb. 246/6, 205 lb. 252/6, 210 lb. 258/6,  
215 lb. 264/6, 220 lb. 270/6, 225 lb. 276/6,  
230 lb. 282/6, 235 lb. 288/6, 240 lb. 294/6,  
245 lb. 300/6, 250 lb. 306/6, 255 lb. 312/6,  
260 lb. 318/6, 265 lb. 324/6, 270 lb. 330/6,  
275 lb. 336/6, 280 lb. 342/6, 285 lb. 348/6,  
290 lb. 354/6, 295 lb. 360/6, 300 lb. 366/6,  
305 lb. 372/6, 310 lb. 378/6, 315 lb. 384/6,  
320 lb. 390/6, 325 lb. 396/6, 330 lb. 402/6,  
335 lb. 408/6, 340 lb. 414/6, 345 lb. 420/6,  
350 lb. 426/6, 355 lb. 432/6, 360 lb. 438/6,  
365 lb. 444/6, 370 lb. 450/6, 375 lb. 456/6,  
380 lb. 462/6, 385 lb. 468/6, 390 lb. 474/6,  
395 lb. 480/6, 400 lb. 486/6, 405 lb. 492/6,  
410 lb. 498/6, 415 lb. 504/6, 420 lb. 510/6,  
425 lb. 516/6, 430 lb. 522/6, 435 lb. 528/6,  
440 lb. 534/6, 445 lb. 540/6, 450 lb. 546/6,  
455 lb. 552/6, 460 lb. 558/6, 465 lb. 564/6,  
470 lb. 570/6, 475 lb. 576/6, 480 lb. 582/6,  
485 lb. 588/6, 490 lb. 594/6, 495 lb. 600/6,  
500 lb. 606/6, 505 lb. 612/6, 510 lb. 618/6,  
515 lb. 624/6, 520 lb. 630/6, 525 lb. 636/6,  
530 lb. 642/6, 535 lb. 648/6, 540 lb. 654/6,  
545 lb. 660/6, 550 lb. 666/6, 555 lb. 672/6,  
560 lb. 678/6, 565 lb. 684/6, 570 lb. 690/6,  
575 lb. 696/6, 580 lb. 702/6, 585 lb. 708/6,  
590 lb. 714/6, 595 lb. 720/6, 600 lb. 726/6,  
605 lb. 732/6, 610 lb. 738/6, 615 lb. 744/6,  
620 lb. 750/6, 625 lb. 756/6, 630 lb. 762/6,  
635 lb. 768/6, 640 lb. 774/6, 645 lb. 780/6,  
650 lb. 786/6, 655 lb. 792/6, 660 lb. 798/6,  
665 lb. 804/6, 670 lb. 810/6, 675 lb. 816/6,  
680 lb. 822/6, 685 lb. 828/6, 690 lb. 834/6,  
695 lb. 840/6, 700 lb. 846/6, 705 lb. 852/6,  
710 lb. 858/6, 715 lb. 864/6, 720 lb. 870/6,  
725 lb. 876/6, 730 lb. 882/6, 735 lb. 888/6,  
740 lb. 894/6, 745 lb. 900/6, 750 lb. 906/6,  
755 lb. 912/6, 760 lb. 918/6, 765 lb. 924/6,  
770 lb. 930/6, 775 lb. 936/6, 780 lb. 942/6,  
785 lb. 948/6, 790 lb. 954/6, 795 lb. 960/6,  
800 lb. 966/6, 805 lb. 972/6, 810 lb. 978/6,  
815 lb. 984/6, 820 lb. 990/6, 825 lb. 996/6,  
830 lb. 1002/6, 835 lb. 1008/6, 840 lb. 1014/6,  
845 lb. 1020/6, 850 lb. 1026/6, 855 lb. 1032/6,  
860 lb. 1038/6, 865 lb. 1044/6, 870 lb. 1050/6,  
875 lb. 1056/6, 880 lb. 1062/6, 885 lb. 1068/6,  
890 lb. 1074/6, 895 lb. 1080/6, 900 lb. 1086/6,  
905 lb. 1092/6, 910 lb. 1098/6, 915 lb. 1104/6,  
920 lb. 1110/6, 925 lb. 1116/6, 930 lb. 1122/6,  
935 lb. 1128/6, 940 lb. 1134/6, 945 lb. 1140/6,  
950 lb. 1146/6, 955 lb. 1152/6, 960 lb. 1158/6,  
965 lb. 1164/6, 970 lb. 1170/6, 975 lb. 1176/6,  
980 lb. 1182/6, 985 lb. 1188/6, 990 lb. 1194/6,  
995 lb. 1200/6, 1000 lb. 1206/6, 1005 lb. 1212/6,  
1010 lb. 1218/6, 1015 lb. 1224/6, 1020 lb. 1230/6,  
1025 lb. 1236/6, 1030 lb. 1242/6, 1035 lb. 1248/6,  
1040 lb. 1254/6, 1045 lb. 1260/6, 1050 lb. 1266/6,  
1055 lb. 1272/6, 1060 lb. 1278/6, 1065 lb. 1284/6,  
1070 lb. 1290/6, 1075 lb. 1296/6, 1080 lb. 1302/6,  
1085 lb. 1308/6, 1090 lb. 1314/6, 1095 lb. 1320/6,  
1100 lb. 1326/6, 1105 lb. 1332/6, 1110 lb. 1338/6,  
1115 lb. 1344/6, 1120 lb. 1350/6, 1125 lb. 1356/6,  
1130 lb. 1362/6, 1135 lb. 1368/6, 1140 lb. 1374/6,  
1145 lb. 1380/6, 1150 lb. 1386/6, 1155 lb. 1392/6,  
1160 lb. 1398/6, 1165 lb. 1404/6, 1170 lb. 1410/6,  
1175 lb. 1416/6, 1180 lb. 1422/6, 1185 lb. 1428/6,  
1190 lb. 1434/6, 1195 lb. 1440/6, 1200 lb. 1446/6,  
1205 lb. 1452/6, 1210 lb. 1458/6, 1215 lb. 1464/6,  
1220 lb. 1470/6, 1225 lb. 1476/6, 1230 lb. 1482/6,  
1235 lb. 1488/6, 1240 lb. 1494/6, 1245 lb. 1500/6,  
1250 lb. 1506/6, 1255 lb. 1512/6, 1260 lb. 1518/6,  
1265 lb. 1524/6, 1270 lb. 1530/6, 1275 lb. 1536/6,  
1280 lb. 1542/6, 1285 lb. 1548/6, 1290 lb. 1554/6,  
1295 lb. 1560/6, 1300 lb. 1566/6, 1305 lb. 1572/6,  
1310 lb. 1578/6, 1315 lb. 1584/6, 1320 lb. 1590/6,  
1325 lb. 1596/6, 1330 lb. 1602/6, 1335 lb. 1608/6,  
1340 lb. 1614/6, 1345 lb. 1620/6, 1350 lb. 1626/6,  
1355 lb. 1632/6, 1360 lb. 1638/6, 1365 lb. 1644/6,  
1370 lb. 1650/6, 1375 lb. 1656/6, 1380 lb. 1662/6,  
1385 lb. 1668/6, 1390 lb. 1674/6, 1395 lb. 1680/6,  
1400 lb. 1686/6, 1405 lb. 1692/6, 1410 lb. 1698/6,  
1415 lb. 1704/6, 1420 lb. 1710/6, 1425 lb. 1716/6,  
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1490 lb. 1794/6, 1495 lb. 1800/6, 1500 lb. 1806/6,  
1505 lb. 1812/6, 1510 lb. 1818/6, 1515 lb. 1824/6,  
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1535 lb. 1848/6, 1540 lb. 1854/6, 1545 lb. 1860/6,  
1550 lb. 1866/6, 1555 lb. 1872/6, 1560 lb. 1878/6,  
1565 lb. 1884/6, 1570 lb. 1890/6, 1575 lb. 1896/6,  
1580 lb. 1902/6, 1585 lb. 1908/6, 1590 lb. 1914/6,  
1595 lb. 1920/6, 1600 lb. 1926/6, 1605 lb. 1932/6,  
1610 lb. 1938/6, 1615 lb. 1944/6, 1620 lb. 1950/6,  
1625 lb. 1956/6, 1630 lb. 1962/6, 1635 lb. 1968/6,  
1640 lb. 1974/6, 1645 lb. 1980/6, 1650 lb. 1986/6,  
1655 lb. 1992/6, 1660 lb. 1998/6, 1665 lb. 2004/6,  
1670 lb. 2010/6, 1675 lb. 2016/6, 1680 lb. 2022/6,  
1685 lb. 2028/6, 1690 lb. 2034/6, 1695 lb. 2040/6,  
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1745 lb. 2100/6, 1750 lb. 2106/6, 1755 lb. 2112/6,  
1760 lb. 2118/6, 1765 lb. 2124/6, 1770 lb. 2130/6,  
1775 lb. 2136/6, 1780 lb. 2142/6, 1785 lb. 2148/6,  
1790 lb. 2154/6, 1795 lb. 2160/6, 1800 lb. 2166/6,  
1805 lb. 2172/6, 1810 lb. 2178/6, 1815 lb. 2184/6,  
1820 lb. 2190/6, 1825 lb. 2196/6, 1830 lb. 2202/6,  
1835 lb. 2208/6, 1840 lb. 2214/6, 1845 lb. 2220/6,  
1850 lb. 2226/6, 1855 lb. 2232/6, 1860 lb. 2238/6,  
1865 lb. 2244/6, 1870 lb. 2250/6, 1875 lb. 2256/6,  
1880 lb. 2262/6, 1885 lb. 2268/6, 1890 lb. 2274/6,  
1895 lb. 2280/6, 1900 lb. 2286/6, 1905 lb. 2292/6,  
1910 lb. 2298/6, 1915 lb. 2304/6, 1920 lb. 2310/6,  
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1940 lb. 2334/6, 1945 lb. 2340/6, 1950 lb. 2346/6,  
1955 lb. 2352/6, 1960 lb. 2358/6, 1965 lb. 2364/6,  
1970 lb. 2370/6, 1975 lb. 2376/6, 1980 lb. 2382/6,  
1985 lb. 2388/6, 1990 lb. 2394/6, 1995 lb. 2400/6,  
2000 lb. 2406/6, 2005 lb. 2412/6, 2010 lb. 2418/6,  
2015 lb. 2424/6, 2020 lb. 2430/6, 2025 lb. 2436/6,  
2030 lb. 2442/6, 2035 lb. 2448/6, 2040 lb. 2454/6,  
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2060 lb. 2478/6, 2065 lb. 2484/6, 2070 lb. 2490/6,  
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2090 lb. 2514/6, 2095 lb. 2520/6, 2100 lb. 2526/6,  
2105 lb. 2532/6, 2110 lb. 2538/6, 2115 lb. 2544/6,  
2120 lb. 2550/6, 2125 lb. 2556/6, 2130 lb. 2562/6,  
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2210 lb. 2658/6, 2215 lb. 2664/6, 2220 lb. 2670/6,  
2225 lb. 2676/6, 2230 lb. 2682/6, 2235 lb. 2688/6,  
2240 lb. 2694/6, 2245 lb. 2700/6, 2250 lb. 2706/6,  
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2285 lb. 2748/6, 2290 lb. 2754/6, 2295 lb. 2760/6,  
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2375 lb. 2856/6, 2380 lb. 2862/6, 2385 lb. 2868/6,  
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2495 lb. 3000/6, 2500 lb. 3006/6, 2505 lb. 3012/6,  
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2795 lb. 3360/6, 2800 lb. 3366/6, 2805 lb. 3372/6,  
2810 lb. 3378/6, 2815 lb. 3384/6, 2820 lb. 3390/6,  
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3335 lb. 4008/6, 3340 lb. 4014/6, 3345 lb. 4020/6,  
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3395 lb. 4080/6, 3400 lb. 4086/6, 3405 lb. 4092/6,  
3410 lb. 4098/6, 3415 lb. 4104/6, 3420 lb. 4110/6,  
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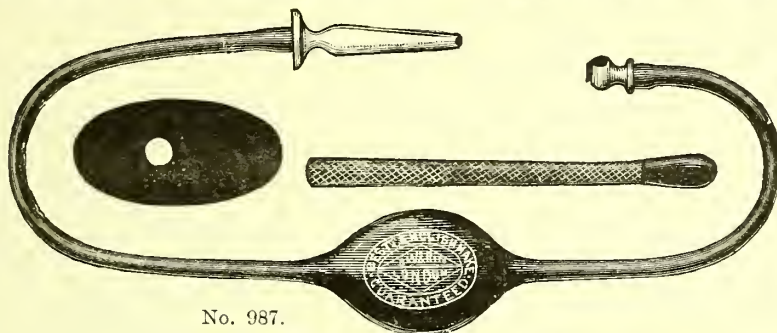
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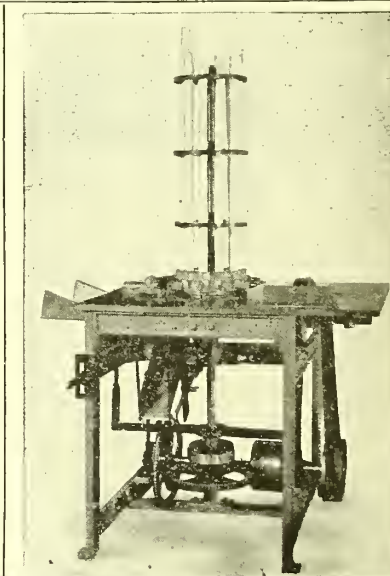
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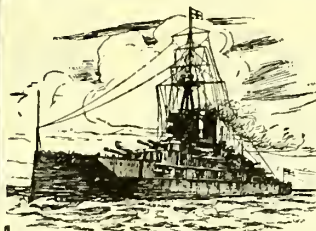
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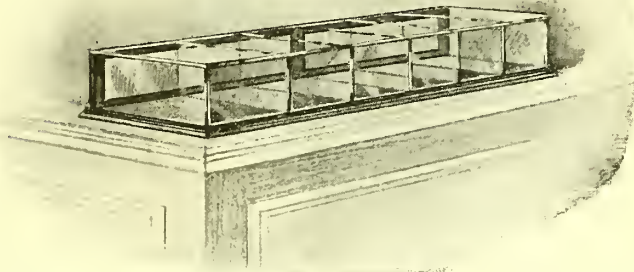
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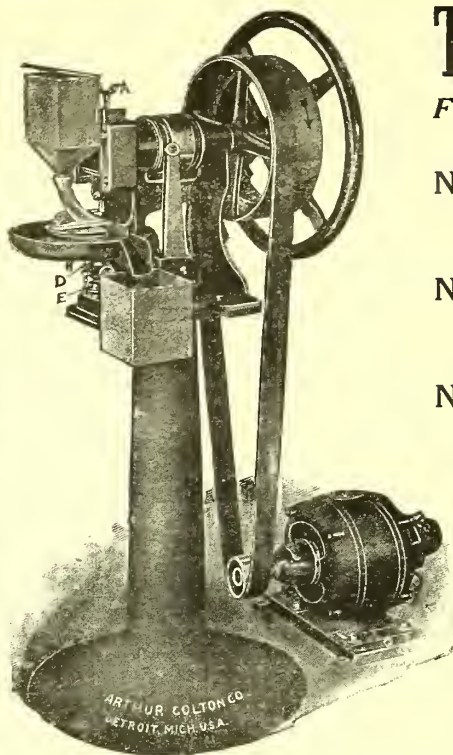
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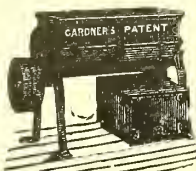
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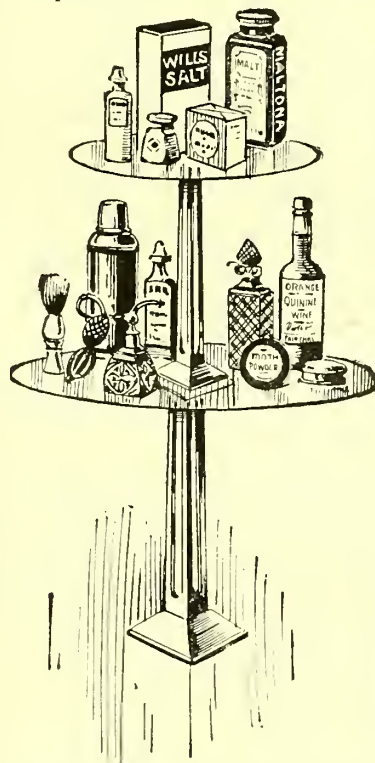
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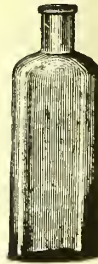
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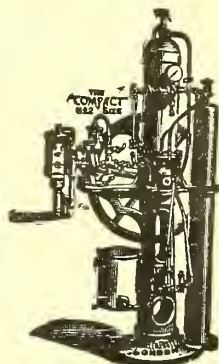
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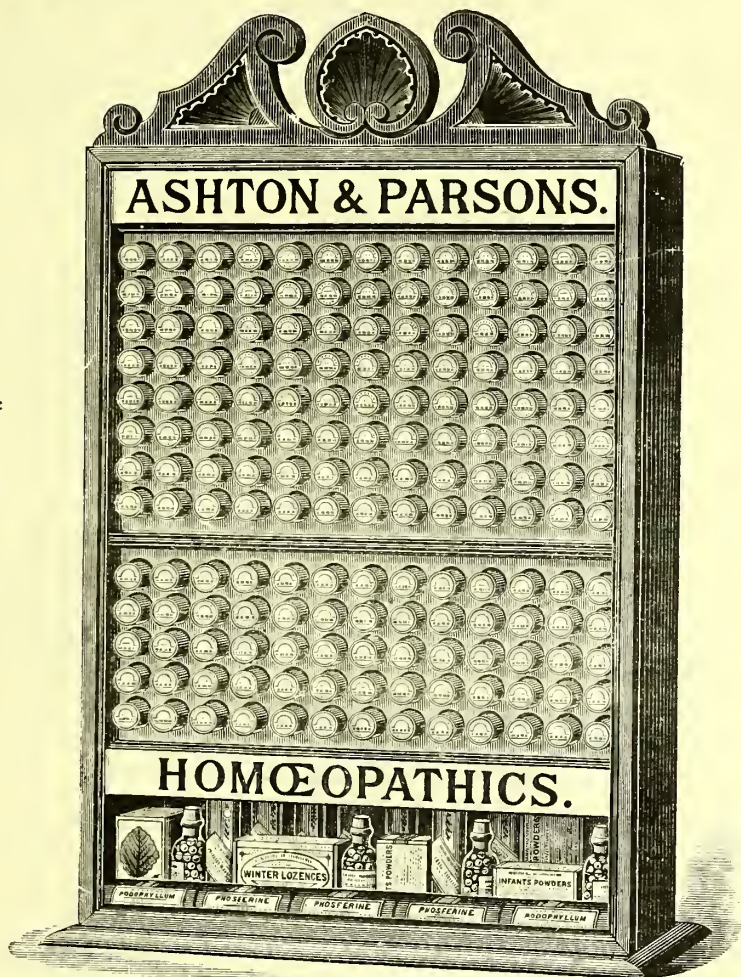
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**SOUTH OF LONDON.**—Situate in good position in main thoroughfare; well-established Business; returns £1,860, at good rates; well-appointed shop; reasonable price only required.

**CITY BUSINESS.**—Well situate in busy thoroughfare; returns £834, present rate less; very profitable; investors with £200 at command will find this a sound investment; stock fixtures worth about £400; dissolution of partnership cause sole.

**CITY (Within Easy Distance of).**—Very profitable ready-money Business; returns exceed £600 yearly; will bear the fullest inquiry; double-fronted shop; good working stock; vendor is ed for health sake to realise, and is willing to accept very rate terms, say £100.

**LONDON, E.C. (Good Business Thoroughfare).**—Ready-money Business; returns, under manager, exceed £1,000; net profit £320; kept by chartered accountants; rent £70, sublet £52; for immediate sale £200 would be accepted; excellent opening for energetic man.

**LONDON BRIDGE STATION (Within Easy Distance of).**—Ready-money Business; returns about £1,000 per annum; at good rates; double-fronted shop, nicely fitted and fully stocked; premises held on lease; price about £450.

**LONDON, S.W.**—Retail and Dispensing Business, situate in main thoroughfare; returns exceed £1,400 per annum; to a speedy transfer the sum of £800 will be accepted.

**MIDDLESEX (Good-class Residential Locality).**—Retail and Dispensing Business, conducted under management; returns £600 per annum; net profit £200; convenient house, private entrance; price £350.

**8.—MIDLANDS (Attractive Town).**—Country Business, old-established concern; returns £950, at fair prices; well-fitted shop and good stock; all open to full examination; very commodious house, recently redecorated throughout; vendor, being about to come South, will accept £700.

**9.—SURREY.**—Modern Pharmacy, situate in pleasant district; well-appointed shop and ample stock; returns, present rate, £1,600; the business admits of extension; full investigation invited; valuation terms entertained.

**10.—SEASIDE (Within 30 Miles of London).**—Rising health resort; returns about £800, present rate; modern trading; profits about 40 per cent.; capable of large development; very convenient house; for a speedy transfer no reasonable offer will be refused.

**11.—SUSSEX (Health Resort).**—Retail and Optical connection; returns about £1,600, at fair prices; the shop is very attractive, is handsomely fitted, and situate in one of the principal streets; comfortable residence; valuation terms would be considered.

**12.—BRISTOL CHANNEL (Seaport).**—Thoroughly sound Retail and Dispensing Business in busy main thoroughfare; returns £1,500 yearly; capital premises; to effect a speedy sale vendor will accept valuation of stock and fixtures.

**13.—EXETER (Within Easy Distance of).**—Retail and Dispensing Business; returns between £750 and £800; net profit about £225; convenient house, held on lease; price £500.

**14.—KENT (Few Miles Out).**—Unopposed Business; returns between £750 and £800 per annum; situate in pretty rural district; roomy house; long lease; about £400 required; worth attention.

## VALUATIONS FOR STOCKTAKING.

Messrs. O. & Co. desire to emphasize the necessity of a Periodical Statement of Account, by which means alone Profit, the value of the Business, &c., can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted, and eventually becomes the cause of confusion and loss.

Messrs. O. & Co. are prepared to undertake these essential duties, and will make Special Terms for such services.

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Telegrams, "Brett Leicester."

Telephone 1934.

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£950 returns.—MIDLAND WATERING-PLACE. — Light-class Retail and Dispensing; small amount of Photo and Optics, for which there is great scope; family reasons cause of sale; price £730, or £50 goodwill and valuation of stock and fixtures.

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£1,900 returns.—Dispensing, Photo, and General Retail in fashionable South Coast resort; good living accommodation; price £1,000, or goodwill £100 and valuation.

£1,600 returns.—LINCOLNSHIRE.—Good easily-worked Retail; returns increasing steadily; good warehouse, etc.; price £900.

£600 returns (increasing).—MIDLANDS.—Can easily do £1,000; Light Country Retail, with unlimited scope for Agricultural; large house, gardens, etc.; rent £55, Dentist pays half; price £500.

£500 returns.—YORKSHIRE.—Old-established; under unequalled; qualified could double returns at once.

We have cash Buyers for businesses from  
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Valuations conducted upon the shortest notice  
at moderate fees.

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NEGLECTED from ill-health; a prosperous Business in best position in large town South Wales, now doing £1,500; large, double-fronted shop, well fitted, fully stocked; plenty of scope; will easily do £2,500 to £3,000 at good prices; net profit has been £500; less than value of stock and fixtures will be accepted for immediate sale, and part purchase money can remain.

AN old-established West-End Dispensing Business in Paddington district; large shop, well fitted, fully stocked; easily worked, returns about £1,000; price, value of stock and fixtures, less 10 per cent., to secure early sale.

DEATH vacancy in Jersey; large house and good shop; Family trade; must be sold, and very low price will be accepted, say £250; excellent position; low rent; stock and fixtures estimated at about £500.

Valuations for Sale, Probate, or Account personally conducted, promptly executed; moderate charges.

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CHEMISTS' VALUERS, TRANSFER AGENTS,  
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We desire particularly to draw the attention of Colonial and Foreign Subscribers to the fact that in cases where they require partners, agents or assistants, or wish to sell their businesses, an advertisement in this Supplement, placed in every copy of "The Chemist and Druggist," should be the readiest means of helping them to attain their object. The tariff for such announcements is given under the appropriate headings in the Supplement. Instructions and remittances can be sent to us direct or through the advertisers' correspondents in this country.

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Have the following businesses for Disposal. (No charge to Purchasers.)

1.—MIDLANDS (Health Resort).—Light Family Retail and Dispensing Business; increasing; returns £950; net profit 33; good position; excellent house and pharmacy; price about £700.

2.—LINCOLNSHIRE.—Good-class Light Retail, Dispensing, and Prescribing, with plenty of Panels; returns £1,600; net profit nearly £600; price £900; low rent.

3.—DEVON COAST. — Good-class Retail and Dispensing Business, increasing; returns nearly £800; good profits; large shop, modern fittings and good stock; price £500, little more than valuation.

4.—ESSEX (Popular Health Resort).—High-class Family Retail and Dispensing in growing district; returns average £16 weekly; good profits; plenty of scope; modern house and pharmacy; every convenience; price £625, or close offer.

5.—KENT COAST.—Light Family Retail and Dispensing Business, in central position; established many years; returns average £750, last year £520; good premises, fully stocked; price £300 cash; strongly recommended.

6.—SURREY (Charming Locality).—Light Country Retail Business, returning over £400; net profit £160; large house and garden; net rent only £15, on lease; stock and fixtures worth £200; price £175, or first reasonable offer.

7.—LONDON, N.W.—Sound middle-class Cash Retail Business; in good position; returns over £1,500; net profit nearly £500; books open to fullest investigation; own property; price £800.

8.—LONDON, S.E.—Sound middle-class Cash Business, in main road; returns last year £370; net profit £350; books well kept; nice house and garden; well-stocked shop; price £450 cash; strongly recommended.

9.—BUCKS.—Good Light Retail, Dispensing, and Prescribing Business, in pleasant market town; returns nearly £1,500; net profit £350; assistant kept; large house and garden; price £800.

10.—EASTERN COUNTY (Market Town).—Family Retail and Agricultural Business; illness sole cause of selling; returns about £1,200; has done £1,700; central position; price, valuation, about £500, or offer.

11.—LANCS.—Cash Retail, Prescribing, with N.H.I.; returns over £900; net profit over £300; good main road position; low rent; convenient house; stock and fixtures worth £475; price only £350.

12.—DERBYSHIRE.—Unopposed Light Village Retail Business; returning £550; net profit £195; books properly kept; good house and shop; low rent; price £250, about valuation.

13.—CHESHIRE.—Good-class Dispensing and Light Retail; over 3,500 private scripts yearly, returns £1,000; net profit £300; Assistant kept; good residential locality; nice house; price £750.

14.—LONDON (Essex Suburb).—Good ready-money Retail Business, under management; present returns about £1,000, besides £500 a year from N.H.I.; modern-fitted shop, excellent position; plenty of scope; price £600 cash.

15.—LONDON (South).—Well-established ready-money Retail Business, in busy main thoroughfare; returns approach £2,000; good profits; low rent; convenient premises; well stocked; price £950 cash.

16.—LONDON, N.W. (Death Vacancy).—Good-class Family Retail and Dispensing Business; present returns £10 to £12 weekly; very profitable; can easily be made do £20 a week; fine shop, well stocked; price £275, or valuation.

## STOCKTAKING VALUATIONS.

We, as the originators of stocktaking valuations, have for many years past continued to point out to chemists the importance of an annual stocktaking; and this year, more than ever, every Chemist in business should take stock. We as experts undertake this work at a very low fee, and without in any way upsetting the ordinary routine of your business.

Please read page 64 in "C. & D. Diary," and write for pamphlet and terms.



## BUSINESSES FOR DISPOSAL.

6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

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Trade circulars, samples, and printed matter can be forwarded, the Box numbers being intended exclusively for answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications which he may consider contrary to this rule.

**LAN and Nelson and Llanoiaich, South Wales.**—For Sale going concern, old-established first-class Retail and Dispensing Chemist and Druggist Business; last year's returns at £1,165, Nelson and Llanoiaich £354; N.H.I. Dispensing; 10 shops in villages. For permission to inspect apply Mr. H. Park Row, Leeds, Incorporated Accountant, to whom all communications should be made.

**URGHER.**—High-class old-established Pharmacy for Sale; thoroughfare; modern fittings, electric light, etc.; specialities and agencies included; good reasons for sale. Apply, 214/10, Office of this Paper.

**Small Business for Sale;** turnover about £300 cash; Dispensing over 2,000; been under bad management; doubted it properly looked after; price, valuation stock and small price goodwill. 212/19, Office of this Paper.

**N. N.**—Good-class Retail, in pleasant residential district; returns between £800 and £900; last year over £900; 10 years; proprietorship unchanged; N.H.I. about £50 m; rent £60; large, modern house; opening for Dentist-Optician; neighbourhood still growing; price £650 cash; offer. 210/35, Office of this Paper.

**N. S.W.**—Splendid opportunity of acquiring elaborately fitted, good-class Suburban Pharmacy, with valuable old-established Proprietorship, at very moderate price; valuation of fixtures; no goodwill; sound reason for selling; in-£1,000 against all war risk; arrange appointment, day in first application to "Motion." (255/14), Office of this Paper.

**HESTER (near).**—Drug Stores, in main thoroughfare; chance for qualified man; rent £30; will accept £260 for stock and fixtures. Reply, 213/11, Office of this Paper.

**SESEX (About 9 Miles Out).**—Main road; old-established Retail and Dispensing Business; splendidly fitted; about £700; lease; rent £45; convenient and roomy with side entrance; price all at £475; bona-fide inquiries invited; satisfactory reasons for sale. Apply, "Lavender" Office of this Paper.

**SOUTHSHIRE.**—£50 down and balance at purchaser's convenience; Mixed Cash Business; doing well over £1,000 m; also large N.H.I. connection; ill-health the sole reason for disposal. 185/27, Office of this Paper.

**Manchester.**—Old-established Light Retail Business in highly populated district; Wine Licence attached; showing of £200; could be increased; price £250 cash. Apply, Office of this Paper.

**For Sale, old-established Chemist's Business;** £75 or best offer accepted. For full particulars and reasons for sale apply, Wood, 14 Longfield Terrace, Bootham, York.

**Old-established Business;** in present hands 60 years; sell on account of age, etc. 204/4, Office of this Paper.

**alc, Drug Business in good position, neighbourhood being highly populated;** shop well fitted and stocked; few Patents and profits; accept £65; a bargain. Apply, Hirst, 48 Street West, Lincoln.

**alc, Business of a Drug Vendor in populous district of town, Oldham;** excellent opening for a young man with and capital; £175. Official Receiver, Oldham.

**alc, small Retail Business in Lancashire manufacturing town;** good opportunity for smart young Pharmacist; stock £75; fixtures worth £60; will sell quickly to first reasoner. "S." (213/13), Office of this Paper.

**alc, have not the ready cash £100 will do, the balance, £150, be arranged to suit you;** it's a sound Business, and will do you; what better chance could you have? Returns £684; at £200; low rent; short business hours; no competition; will suffice. 211/9, Office of this Paper.

**THROUGH ill-health advertiser wants to dispose of sound established Retail and Photo Business at considerably under value for immediate sale;** rent £50; turnover £700, and capable of large increase, not having done N.H.I.; books properly kept and guaranteed. Tuffin, 49 Barnsbury Street, London, N.

## BUSINESSES WANTED.

**A** DVERTISER wishes to purchase Business at once, returning £1,000 to £2,000, or smaller Business if country; Mixed Business not objected to; within about 40 miles of Surrey preferred. Full particulars in first instance of the business and house, in confidence, "Surrey" (211/10), Office of this Paper.

**20 to 30 Miles from London, or thereabout.**—A sound Business; capable of being worked single-handed; must bear closest investigation; good house and garden attached, also good neighbourhood essential; cash ready. Please send price and particulars in first instance to save correspondence, "Pharmacist" (208/25), Office of this Paper.

## PARTNERSHIPS.

**SOUTH WALES.**—Partner wanted in small country Wholesale Business; to take indoor management; capital wanted £500; qualification not essential, but experience in Drugs and Packing necessary; salary guaranteed and income from share 5 per cent.; present turnover £4,000 per annum. Apply, "Dix" (209/20), Office of this Paper.

**QUALIFIED Chemist, age 34, of exceptional home and foreign experience, wishes Partnership, or would purchase small, good-class Business in or near London.** State full particulars, in confidence, to G. M. Brett, 36 Duke Street, Manchester Square, W.

## FOR SALE.

**MUST Sell.**—What offers for small National Cash Register; in good order; keys to 10s.? Write, "C. F. H., 50 St. Thomas Road, Finsbury Park, N.

**PILL Machine, 24;** six Mortars and Pestles, assorted sizes; Dispensing Scales, Counter Scales and Brass Weights; also complete Chemist's Shopfittings by Bygrave, London. The Lucan Pharmacy, 1 The Mall, Lucan, Co. Dublin.

## TENDERS.

**SOUTHEAST-ON-SEA Insurance Committee invite Tenders for the Checking of National Insurance Prescriptions for the County Borough;** average number yearly 70,000; candidate, if selected, will be required to furnish an analysis from time to time. Full particulars by Monday, February 8, to Clerk, Coronation Chambers, High Street, Southend.

## AGENCIES.

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

**IMPORTANT to Manufacturers.**—Those who are desirous of placing their Specialities throughout the Commonwealth of Australia and the Dominion of New Zealand should apply, 214/39, Office of this Paper.

**QUALIFIED Chemist, Spaniard, writing English and French, with London and Paris Pharmacy experience, residing Madrid, calling already for one Proprietary Medicine on Doctors and Chemists in Spain, is open to Represent another Pharmaceutical firm in Spain;** London references. 235/47, Office of this Paper.

## TO LET.

**CHEMIST'S Shop, Willesden, to Let;** £45 per annum; just vacant; house unobscured; can do £20 weekly. To view only apply, 11 Guilsborough Road, Church Road, Willesden (close to shop).

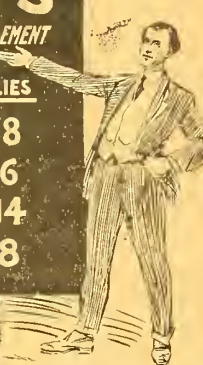


## SITUATIONS OPEN.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

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**RESULTS**  
OF ADVERTISING IN THIS SUPPLEMENT  
LAST WEEK JAN. 30 1915

| NATURE OF ADVT. | REPLIES |
|-----------------|---------|
| QUAL. DISPENSER | 38      |
| QUAL. LOCUM     | 16      |
| SIT. WANTED     | 14      |
| TRAVELLER       | 8       |

This Blackboard demonstrates that Advertisers using these columns get a ready response to their announcements. The figures only refer to some of the letters RECEIVED AT OUR OFFICE on behalf of Advertisers who use a number or nom de plume.

## RETAIL.

**BATH.**—Assistant, not under 22; must have had experience in good-class business; outdoors. Davies & John, 15 Old Bond Street, Bath.

**BEXHILL-ON-SEA.**—Wanted, in a first-class Pharmacy on the South Coast, a smart Junior Assistant with a Dispensing experience; no Insurance work. Apply, F. Wimshurst, Pharmaceutical Chemist, Bexhill-on-Sea.

**BIRMINGHAM (Suburb).**—Wanted, unqualified Assistant; 28 to 35; married preferred; good Prescriber; middle-class trade; quick and obliging; permanency; good reference required. State age, height, salary required, and usual particulars to 209/31, Office of this Paper.

**BIRMINGHAM.**—Junior; unqualified; experienced; gentlemanly; good Salesman and Dispenser; one accustomed to good-class trade. Apply, giving full particulars of age, height, experience, salary required (outdoors), and if convenient enclose photo, to Manager, Hedges (Chemists), Ltd., Dale End, Birmingham.

**BRIGHTON.**—Junior Assistant or Improver wanted at end of February (if possible); good-class business; outdoors. Apply, with full particulars and photo, to Black & Co., Pharmaceutical Chemists and Opticians, 81 St. James's Street, Brighton.

**BUDLEIGH SALTERTON.**—Wanted, a Junior or Improver; knowledge of Photography. Apply, stating age, height, experience, and salary required, with photo, A. Shand & Co., Chemists, Budleigh Salterton.

**CAIENE, Wilts.**—Unqualified Assistant wanted at once; easy hours; must be able to Dispense. State salary required (outdoors) and give references to F. Strawson, 12 Rose Hill, Dorking, Surrey.

**CARDIFF.**—Wanted immediately, a smart unregistered Assistant, capable of taking entire charge; must be a smart Counterman and Prescriber, about 35; also a registered Assistant; both comfortable berths; outdoors. Apply, giving full particulars; salary, etc., enclosing references, Gwilym Evans, 158 City Road, Cardiff.

**CARDIFF.**—Duck & Son, Chemists, etc., require an Assistant for the Dispensing Department. Apply, stating age, height, experience, with photo (to be returned).

**CHELMSFORD.**—A young unqualified Junior Assistant or Improver wanted for good-class business; outdoors; no Sunday duty. Please give usual particulars and salary required, with references, E. Bunn, Chemist, The Central Pharmacy, Chelmsford.

**CHELTHENHAM.**—Beetham & Clark have a vacancy for a gentlemanly Assistant (indoors) at the end of February in high-class Dispensing and Light Retail and Photographic business. Please send full particulars, with photograph, 22 Promenade, Cheltenham.

**COUNTY ASYLUM, Berry Wood, Northampton.**—Qualified Dispenser, with knowledge of Photography, required during the war. Apply, stating age, reference, and salary required, to Medical Superintendent, Berry Wood, Northampton.

**DONCASTER.**—M. H. Stiles & Son have an immediate vacancy for an Improver or Junior; one used to N.H.I. Dispensing. Apply as above, giving full particulars as to height, age, salary required (outdoors), references, and enclosing photo (which will be returned).

**EASTERN COUNTIES.**—Junior Assistant, just out or year on of his apprenticeship, for a good-class Retail and Dispensing business. State age, height, salary required, when disengaged name of employer and time with him, 212/29, Office of this Paper.

**HERTFORD.**—Immediately, a reliable Junior Assistant for good-class business. Apply, giving usual particulars, to A. J. Sheffield, Fore Street, Hertford.

**LAKE DISTRICT.**—Junior Assistant wanted at end of February. Apply, stating age, reference, and salary required, to Thomas Bell, Ambleside.

**LEEDS.**—Assistant wanted at once; outdoors; must be a good Dispenser, used to a good-class business, and competent to take charge; salary £2 2s. per week. Apply, M. E. Murray, 221 Woodhouse Lane, Leeds.

**LIVERPOOL.**—Junior Assistant for Light Retail and Dispensing business. Kindly give full particulars in letter to R. S. Carrie, Chemist, Tuc Brook, Liverpool.

**LONDON.**—Young qualified Assistant required immediately for business in the City; must be good Dispenser. State age and salary required, 209/606, Office of this Paper.

**LONDON.**—Wanted, elderly qualified gentleman or lady; comfortable home, with plenty of time off; indoors; permanency. Apply, stating salary and references, to 214/23, Office of this Paper.

**LONDON, E.**—Locum for Thursday, February 11; must be quick Dispenser; qualified preferred. 214/36, Office of this Paper.

**LONDON, N.**—An Assistant wanted at once. Please state age, references, experience, whether qualified or unqualified, and salary in first letter, or apply personally, to Bishop & Vincent, 460 Holloway Road, London, N.

**LONDON, N.**—Qualified Assistant, 25 to 45, wanted, accustomed to brisk Cash business; good Counterman, energetic and reliable, for working-class business; state full particulars in first letter, giving references (which must bear investigation), salary required (outdoors), when disengaged, etc. Apply to V. Edmunds, Kenilworth Court, Eastbourne.

**LONDON, N.**—Assistant, whole or part time; study time can be arranged; Cash Retail and Dispensing. Usual particulars to "Sarto" (212/1), Office of this Paper.

**LONDON, N.**—Wanted immediately, Junior Assistant, unqualified, for Light Retail; quick and capable Dispenser; hours 8.50 to 9.30; day off weekly; every other Sunday evening duty; age about 30. Full particulars, D. Davies & Co., 324 Caledonian Road, N.

**LONDON, N.E.**—Assistant, unqualified, and Junior Assistant; salaries £2 and 35s. respectively (outdoors). State age, height, experience, and enclose photo if possible, to Matthews & Son, Pharmacists, 722 High Road, Leytonstone, N.E.

**LONDON, N.W.**—Assistant wanted, with good Dispensing experience; outdoors. Davidson, Ph. Chemist, 342 High Road, Brondesbury, N.W.

**LONDON, S.E.**—Capable, unqualified Assistant required; outdoors; salary 40s. to 45s. a week. Send full particulars to "Galen" (211/37), Office of this Paper.

**LONDON, S.E.**—Wanted, qualified Junior Assistant in Light Retail and Dispensing business; state age, experience, and salary required (indoors); an application from an unqualified Junior (with time for study) would be considered. A. Peel, 7 Hall Moon Lane, Herne Hill, S.E.



**NDON, S.E.**—Managing Assistant, about 26, for first-class Family business; qualified and possessing good business acumen and initiative; competent Dispenser, experienced Counter-quick worker, good Window-dresser; references must bear investigation. State full particulars, age, salary required, recent photo, "Business" (214/35), Office of this Paper.

**NDON, S.W.**—Outdoor Assistant required, age not over 30, for Retail and Dispensing business; time for study if desired. Apply, giving usual particulars, to F. R. Barlow, Pharmaceutical Chemist, Loughborough Junction, S.W.

**NDON, S.W.**—John Keall requires a qualified Assistant; outdoors; one with good all-round experience; Photography. Apply, 68 West Hill, East Putney.

**NDON, S.W.**—Senior Assistant or Manager, qualified, for high-class Dispensing business; outdoors. Particulars to Mr. J. J. Bradley & Bourdas, 6 Pont Street, S.W.

**NDON, S.W.**—Experienced Assistant required for good-class Dispensing and Family Retail. State salary and usual particulars in application to "Fax" (214/28), Office of this Paper.

**NDON, W.**—Required immediately, Junior with good previous experience. Personal application preferred, or give particulars of previous engagements, age, height, salary required (outdoors), and when disengaged, photo if possible, Sharpe & Son, 10 High Street, Notting Hill Gate, W.

**NDON, W.**—Competent Assistant with Dispensing experience and generally well up in the business; outdoors; no Sunday. Apply, Messrs. J. J. Bruce, Ltd., 228 High Road, Chiswick, W.

**NDON, W.**—An Assistant, about 24 (outdoors), quick and accurate Dispenser, for good-class business. Apply, giving particulars, to Thompson, Pharmaceutical Chemist, 31 The Ealing, W.

**NDON, W.**—Competent Assistant with Dispensing experience and generally well up in the business; outdoors; no Sunday. Apply, Messrs. J. J. Bruce, Ltd., 228 High Road, Chiswick, W.

**NDON, W.**—Unqualified Assistant wanted, probably for dispensing of the war; man about 40 and used to N.H.I. Dispensing; preferred; outdoors; working hours 54 per week. Rex Pharmacist, West Bromwich.

**NDON, W.**—Wanted, an energetic and competent Assistant. Reply, 209/25, Office of this Paper.

**NDON, W.**—Junior or Improver. State experience, salary required, and references, "X. Y. Z." (203/37), Office of this Paper.

**NDON, W.**—A qualified Chemist, commencing to do medicine, can recommend his post in good-class Dispensing business to a good reliable qualified man seeking a good berth; short hours; liberal salary; married, and a knowledge of Dentistry preferred. Full particulars and "Juventus" (210/26), Office of this Paper.

**NDON, W.**—Wanted, qualified Assistant for quick Cash business; 5 per week and commission; must be smart, a willing and good Salesman. Address, with full particulars, age, salary, and photo, to 212/21, Office of this Paper.

**NDON, W.**—Outdoor qualified Assistant wanted, to Man-Branch shop with sub-Post Office attached; must be honest, and abstainer. Apply, giving full particulars, Chemist, Rhyl.

**NDON, W.**—Unqualified Assistant wanted for good-class Light Retail and Dispensing, with Photography and Optics; in comfortable home (bachelor); easy hours. Apply, with particulars, stating salary required, to W. Chaplin Bennett, Street, Totnes.

**NDON, W.**—Assistant, about 23, for good-class business, with knowledge of Dispensing and Photographic work. Apply, giving full particulars of experience to Messrs. J. J. Pharmacy, 143 High Street, Ponders End, N.

**NDON, W.**—Wanted at once, a young Junior Assistant for brisk Retail business; hours easy, Saturdays 10 p.m. to 11 p.m.; please give full particulars in first letter. "Sperax," c/o Nation's Drug Department, Albert Road, W.

**NDON, W.**—Reliable Assistant, lady or gentleman (outdoors), for good-class Retail and Dispensing business; some knowledge of Photography. Apply, stating age, experience, and salary required, to Messrs. H. & F. Pyman, Pharmacy, Westgate-on-Sea.

**YORK.**—Outdoor unqualified Assistant, about 26, required early as possible for high-class Counter and Dispensing; usual hours; no extra or Sunday duties and no N.H.I. Applicants please state age, height, experience, references, salary required, and enclose photo (to be returned), Burgin, Mansion House Pharmacy, York.

**YORKSHIRE.**—Junior required for good business in the West Riding; permanency and progressive salary to a smart young man. 209/16, Office of this Paper.

**ASSISTANT**, unqualified. Apply, stating age, experience, references, and salary required, to Donington & Co., Chemists, Spalding.

**ASSISTANT** at once; middle-class quick Retail and Insurance Dispensing; outdoors. Please send photo and particulars as to salary, references, etc., Trimlett, Pharmacist, Fratton Bridge, Portsmouth.

**ASSISTANT**, unqualified, or Improver, wanted immediately. Apply, giving references, etc., J. Preston, 105 Barker's Pool, Sheffield.

**ASSISTANT**, about 23, wanted at once, with good Dispensing experience; outdoors. Apply, R. C. Harrison, Grayshott, Surrey.

**ASSISTANT**, 20 to 22, for good-class Light Retail and Dispensing business; easy hours. Send fullest particulars and references, photo if convenient, and state salary required (indoors or out), A. G. Reid, Petersfield, Hants.

**ASSISTANT** wanted, with energy and ability; not eligible for Military service; permanency and good salary. Apply, Messrs. Timothy White Co., Ltd., Chemists, Portsmouth.

**ASSISTANTS.**—Several smart unqualified men wanted; first-class experience in Dispensing, Photography, and Window-dressing essential; permanency to suitable men; reasonable hours and good salary; also smart, up-to-date Manager required; temperate, energetic, and capable. Apply, with fullest particulars, to 213/4, Office of this Paper.

**ASSISTANT** of good appearance and address for Drug Department; applicants must be under 35 years of age; salary and commission. Apply, between 5 and 6, Selfridge's, Record Office, Oxford Street.

**ASSISTANT**; London, S.; outdoors; must be up-to-date Window-dresser, with original ideas for Specialities, etc., and have a fair knowledge of Photography; a good salary paid to a capable man. In reply please give usual particulars as to age, experience, recent reference, salary expected, and enclose photo (which will be returned), to 214/14, Office of this Paper.

**ATKINS & SON**, Pharmacists, Salisbury, require immediately an unqualified Assistant (outdoors) for Counter work mainly; must possess good knowledge of Photography; good references indispensable. State salary required, send photo (to be returned).

**CAPABLE** Assistant for good-class Country business; Agricultural, Dispensing, Prescribing, and a little Photography; permanency for suitable man; no Sunday duty; weekly half-holiday; outdoors. Apply, with photo, Merriek, Chemist, Dorchester.

**CHEMIST**, advanced in years, seeks active qualified Assistant to work up old-established Welsh business that has fallen back through neglect, with a view of handing it over to him in course of time on easy terms. 213/6, Office of this Paper.

**CLERK**, accustomed to a Chemist's business. Apply, giving full particulars, to "A. J. B. C.," Cooper, Son & Co., Ltd., 80 Gloucester Road, South Kensington, S.W.

**DISPENSER** and Stockkeeper required by Doctor; reliable, obliging, and temperate; time off; easy hours; salary 35s. to 50s.; early increase if suitable. Address full particulars, 255/10, Office of this Paper.

**ELDERLY** qualified Chemist required, mainly for N.H.I. Dispensing; comfortable and permanent berth. State salary and when at liberty, 209/106, Office of this Paper.

**EXPERIENCED**, unqualified Assistant wanted; outdoors; must be well up in Dispensing, Counter work, Photography, and Window-dressing; used to a good-class business; good salary to a smart man used to a first-class, up-to-date business; short hours. Apply, with full particulars, to Mr. Cherry, Walton-on-Thames.

**JUNIOR** or Improver (18 to 20) for Counter and to put up stock; or sharp youth, with knowledge of the trade, who is needing experience. Haywards, Chemists, Redfield, Bristol.

**JUNIOR** or Improver; quick, accurate, and Window-dresser; Cash, Dispensing, Photographic, and Optical. Full details, Morrison, 143 High Street, Ponders End, N.

**JUNIOR** or Improver wanted at once; good salary. Full particulars, photo, etc., in first letter, Lester & Williamson, Chemists, Foleshill Road, Coventry.



**JUNIOR** or Improver for Light Retail and Dispensing; one able to extract Teeth preferred; time can be given for study if required. Send full particulars of age, experience, salary required, etc., to W. Shakespear, Pharmaceutical Chemist, Hineckley.

**JUNIOR** or Turnover Apprentice; easy hours; no Sunday. W. Freshney's, 5 Victoria Street, Grimsby.

**JUNIOR**.—Excellent opening for young man, age about 20-21; would suit one just out of apprenticeship; permanent berth with progressive salary. 209/160, Office of this Paper.

**JUNIOR** Assistant, March 1; outdoors; near London; hours 8.30 to 8.50, Saturdays 10, Wednesdays 1 p.m., and one other evening off; Sunday evening duty one in three; good-class Dispensing, very little N.H.I. work; wages 35s.; comfortable berth to good worker. Apply, fullest particulars, 212/39, Office of this Paper.

**JUNIOR** wanted; splendid opportunity for young man to learn Dispensing and the making of Preparations, also Counter work. Full particulars in first letter to W. McBryde, Durbin's Drug Stores, 112 North End, Croydon.

**LADY** (qualified) required for Children's Hospital from March 1; salary £45 per annum, with board and laundry. Applications, with copies of recent testimonials, addressed to the Hon. Secretaries, to be delivered at the Hospital by noon on Wednesday, the 17th inst. A photo (to be returned) may be enclosed with the application. For any further information apply to C. W. Stamford, Assistant Secretary, Victoria Hospital for Sick Children, Hull.

**LADY** Assistant, qualified, required for high-class business in Liverpool; good Dispensing, Counter, and Window experience absolutely essential; applicants should state experience, age, salary required, and give two references; permanent comfortable berth with excellent prospects to good business lady possessing initiative and energy. Address, "Business" (214/21), Office of this Paper.

**LADY** Dispenser wanted; evenings 6-9; salary 15s. weekly. Apply, by letter, giving references, to "Doctor," 36 New King's Road, Parson's Green, S.W.

**MESSERS. STONE & SON**, Exeter, require an Assistant; unqualified; one with general all-round knowledge.

**MESSERS. TIMOTHY WHITE CO., LTD.**, Chemists, Portsmouth, require a capable Pharmacist as Manager; not eligible for Military service; easy hours; good and progressive salary, with excellent prospects.

**OUTDOOR** Assistant wanted in good-class Retail and Dispensing business near London. Apply, giving full particulars and salary required, to "Fortuna" (210/27), Office of this Paper.

**PART-TIME** Assistant wanted; hours 8.45 a.m. to 2 p.m., 5.30 to 8.50 p.m. All particulars to Pitt, Chemist, Norwich.

**PART-TIME** Assistant, evenings 6 to 10 p.m., for Insurance Dispensing and general Counter work; London, S.E. district; suit student; also respectable lad, 16 to 17. "Alpha" (212/17), Office of this Paper.

**PART-TIME** Assistant wanted, mornings 10.30 to 1.50, Thursdays excepted. Apply, 5 Pimlico Road, Ebury Bridge.

**PART-TIME** Assistant wanted, evenings and alternate Sunday evenings; suit student; near Schools. Apply, Watson, 100 Mitcham Road, Tooting, S.W.

**QUALIFIED** Manager for Branch in Colliery district immediately; abstainer; permanency. Age, experience, and salary required to D. George, Chemist, Pentre, Glam.

**QUALIFIED** (Minor) Dispenser, about 20, lady or gentleman; outdoors; immediate. Kindly give full particulars in first letter, age, height, experience, salary required, etc., and enclose photo. H. G. Williams, 118 The Moor, Sheffield.

**QUALIFIED** Assistant as Senior, with some capacity for Management. Apply, with full particulars and photograph, saying salary required (outdoors), G. Elliott & Son, Pharmaceutical Chemists, Walsall.

**QUALIFIED** Branch Manager wanted at once; good prospects for reliable man. State salary and full particulars in first letter, T. A. Harrison, Pharmaceutical Chemist, Goodmayes, Ilford.

**QUALIFIED** Manager for Branch in Midland town; easy hours; weekly half-day holiday and no Sunday duty. Please give full particulars of experience, also state age and salary required, 212/13, Office of this Paper.

**QUALIFIED** Assistant; two others kept; indoors; moderate hours; good-class business; comfortable; permanency; commencing salary £100. Fullest particulars in application. Apply, "Radix" (212/5), Office of this Paper.

**QUALIFIED** Assistant, 25; with good knowledge of French, wanted immediately; Continental experience preferred. Apply, Manager, Heppell & Co., Hotel Cecil Buildings, Strand, W.C.

**RELIABLE** Junior Assistant wanted at once (outdoors) in good-class Retail and Dispensing business; easy hours; no Sunday duty. State age, experience, salary, and references, to Johnson, Pharmacist, Stamford.

**REQUIRED** at once, a good steady Assistant, about 28; well up in Dispensing and Photo work; good Window-dresser; hours easy; no Sunday duty; half-day Thursdays. Full particulars in first letter, photo, and salary required, Newton & Co., Chemists and Opticians, Teovil.

**SAVORY & MOORE**, Lancaster Gate, W., require a qualified Dispensing Assistant; outdoors. Full particulars, with photo, to the Manager.

**SMART** Assistant wanted at once; unqualified; indoors; used to good-class Dispensing and Photography. Apply, giving fullest particulars as to salary required, experience, etc., to Cruise & Co., Ltd., 7 The Strand, E. Southsea.

**T. JONES & CO.**, 5 Putney Hill, will shortly require an Assistant for good-class business; must be an accurate and fairly quick Dispenser and have good references. Apply, personally or by letter (with photo if convenient), to Mr. Amore.

**THOROUGHLY** experienced Chemist's Assistant, or other qualified person; required to check Chemists' Accounts and Doctors' Prescriptions under the National Insurance Act; make Analyses of same, etc.; accurate at figures. Applications, stating age, experience, references, and when at liberty, must reach the undersigned not later than 10th instant, marked "Chequer." Salary £120 per annum. H. V. Worwood, 120 High Street, Smethwick, Staffs.

**WANTED**, Assistant (outdoors) for Dispensing Counter. Apply, stating age, experience, and salary required, to L. Cameron, Pharmaceutical Chemist, Broad Street, Scaford, Sussex.

**WANTED** (lady would suit) outdoor Assistant for both Counter and Dispensing; must be reliable; comfortable berth for suitable applicant. Apply, Barton & Co., Chemists, 74, Stratford Road, South Acton, London, W. Telephone, 966 Chiswick.

**WANTED**, a smart, gentlemanly Assistant for Dispensing Photography, and Light Retail. Apply, stating full particulars and salary required, to W. H. Hawker, Pharmacist, 129 Gloucester Road, Bristol.

**WANTED**, March 1, Junior or Improver for General Mixed business; easy hours; fair amount of Dispensing; one hour duty every alternate Sunday morning. Apply, giving full particulars, age, height, etc. (enclosing photo, which will be returned), to W. Taylor, Pharmacist, Heanor, Derbyshire.

**WANTED**, two capable, experienced Assistants (outdoors) accustomed to high-class Dispensing and quick Counter, hours 8 to 8, Saturdays 10 o'clock; one Sunday in three 6 to 7.50 evenings only; one day a week off at 1 o'clock. State age, height, salary required, experience, when disengaged, Dixoa & Sons Chemists, East Grinstead.

**WANTED** at once, an Assistant, unqualified; please state age, experience, and salary required, etc.; also an Improver or Junior Assistant; no Sunday duty. Apply to John Gower Chemist, Vaughan Street, Llanelly, South Wales.

**WANTED** at once, good all-round Assistant; unqualified; outdoors; good Dispenser. State age, height, and salary required, etc., Ellwood & Son, Chemists, Leominster.

**WANTED**, Junior Assistant for good-class Country business with N.H.I. Dispensing; married; outdoors; permanency. Give full particulars, state salary required, to W. Smith & Co. Ltd., Chemists, Abingdon, Berks.

**WANTED**, an Assistant at once. Full particulars, Hal Chemist, Luton.

**WANTED** at once, Junior or Improver (easy hours, usual half holiday) for Light Retail and Dispensing business; indoors. A. J. Colston, Pharmacist, Malvern Wells.

**WANTED**, a smart unqualified Junior for a good-class business near London; easy hours. Apply, stating full particulars, "Thymol" (210/24), Office of this Paper.

**WANTED** at once, Junior or Improver for Light Retail and Dispensing business; indoors; usual half-holiday. Reply stating age, experience, and salary required, to 213/14, Office of this Paper.

**WANTED**, a competent Assistant, about 27; neat Dispenser, good knowledge of Photography. State salary and experience and enclose photo, 212/7, Office of this Paper.



**WANTED**, experienced and competent Assistant, capable Managing in absence of principal; high-class Retail and Dispensing; permanency. Full particulars, 254/56, Office of this Paper.

**WANTED**, Junior Assistant or Improver; outdoors; hours 10 to 8; no Sunday duty; half-holiday weekly; state salary, etc.; Half-timer wanted. Jones, Pharmacist, Thayer Street, Manor Square, W.

**WANTED** immediately, a Junior Assistant or Improver; indoors; comfortable home; easy hours. State salary required, cences, etc., J. Evans, 28 Agincourt Square, Monmouth.

**WANTED**, a smart Assistant, with Dispensing experience, for an old-established Family business. Apply, with usual particulars and salary required (indoors), to P. Stacey, Pharmacist, Chemist, 81 High Street, Teddington, S.W.

## WHOLESALE.

Price-lists, trade circulars, samples, and printed matter can in case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

**IRELAND**.—Required, young, energetic man to make Galenical Preparations and Proprietary articles. State age, experience, and salary expected, 252/66, Office of this Paper.

**ASSISTANT** wanted for Packed Goods and Toilet Articles Department. State age, experience, and salary required, to, Saunders & Co., Ltd., 34 Hanover Street, Liverpool.

**COMPETENT** Granulators and Tablet-makers required by London firm. Write, stating experience, etc., 211/26, Office of this Paper.

**IMPRESSED** Tablet hands, with experience. The British Drug Houses, Ltd., 22-30 Graham Street, City Road, N.

**BUG** Invoice Clerk wanted. State age, experience, salary required, Ayrtoun, Saunders Co., Ltd., Hanover Street, Liverpool.

**BUG** Trade.—Wanted, experienced Tincture-maker for large Wholesale operations. Apply, by letter, "Fortiss" (255/5), Office of this Paper.

**BY** Counterman wanted for City Wholesale house. Apply, 251/13, Office of this Paper.

**REWOMAN** wanted at once, age about 30, with good practical experience of Labelling, Capsuling, and Filling, to attend staff of girls; good organiser and disciplinarian. Apply, by letter, stating previous experience and salary required, X. Y. Z. (255/4), Office of this Paper.

**VOICE** Clerk, with knowledge of the trade, required by N. London firm of Wholesale Manufacturing Chemists; must be a writer and accurate at figures. Reply, stating age, experience and salary required, to 214/37, Office of this Paper.

**NIOR** Invoice Clerk required; must be quick and accurate at figures; previous experience absolutely necessary. Write, giving fullest particulars, to C. Harker, Stagg & Morgan, Ltd., a Wharf, Emmott Street, Mile End, E.

**NIOR** Clerk for Telephone; knowledge of trade essential. Apply, Goodall, Backhouse & Co., Leeds.

**BORATORY** hands, with experience. The British Drug Houses, Ltd., 22-30 Graham Street, City Road, N.

**ANUFACTURING** Laboratory hand required; good references. State age, experience, and wages. Apply, by letter, to Messrs. Savory & Moore, 143 New Bond Street.

**CKER** used to home and export packing required by Wholesale Manufacturing Chemist. Apply, 214/12, Office of this Paper.

**CKING** Materials.—Wanted by large firm of Manufacturing Chemists, well-educated and energetic man, aged about 20-25, assist in buying Packing Materials; previous similar experience desirable. Apply, with full particulars, to 251/70, Office of this Paper.

**INTERS**.—Cropperette, also Stone hands, used to Chemists' label work. The British Drug Houses, Ltd., 22-30 Graham Street, City Road, N.

**JMES & CO.**, Wholesale Druggists, York, require additional Junior Wet-Room Assistants. State full particulars, experience, references, salary required.

**REPRESENTATIVE** wanted; thoroughly experienced in all details of the Druggists' Sundries trade. Apply, giving full particulars of qualifications and previous experience, state age, and enclose photograph if possible (all information will be treated in strict confidence), "S. E." (214/15), Office of this Paper.

**REQUIRED** immediately, a young man about 25 years of age, well up in Pharmacy and Materia Medica; one who has recently qualified would be entertained. Apply, stating age and salary required, also enclose photograph (to be returned), to 254/70, Office of this Paper.

**TWO** Juniors, having some acquaintance with the trade preferred, as Porters or Messengers. Wyleys, 2 Bath Street, E.C.

**WANTED**, Tablet hands and Improvers, also Pill hands. Apply, stating age, experience, and salary required, to "W. T.", c/o Gains & Co., 19 Moorfields, E.C.

**WANTED**, a Representative with good London and Suburban connection, also with Shippers, for English-made Tooth-brushes. Apply, 214/18, Office of this Paper.

**WANTED**, Assistants for Wet or Dry or Despatch Counters. Apply, giving particulars, salary required, etc. "Cocaine." (251/013), Office of this Paper.

**WANTED**, Junior Assistants for the Wet Counter. Apply, stating age, experience, and wages required, to Lofthouse & Saltmer, Ltd., Wholesale Druggists, Hull.

**WET** Counterman, experienced, wanted for Wholesale. State particulars previous engagements, salary expected, and all customary information, Timothy White Co., Ltd., Portsmouth.

**WET** Floor.—Experienced Counter hand required; good prospects to a suitable man. Apply, stating full particulars of age and experience, to 214/38, Office of this Paper.

**WET ROOM**.—Provincial firm of Wholesale Druggists require young man to assist at Wet Counter; one who has had some experience in making Tinctures, etc., preferred. Apply, giving particulars of experience, age, wages required, etc., 210/14, Office of this Paper.

## SITUATIONS OPEN.

(Colonial; Indian and Foreign.)

**3s. 6d.** for 50 words or less; **6d.** for every 10 words or less beyond, prepaid. The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

**SWITZERLAND**.—Assistant, qualified, with some knowledge of German and French, wanted on April 1, 1915. Send copies and photo to A. O. Werdmüller, Central Apotheke, Zürich.

## APPRENTICESHIPS.

**APPRENTICE**.—An old-established firm, doing a good-class business, will shortly have a vacancy for a well-educated youth as Apprentice; a splendid opening for a good grounding to be obtained. Apply for full particulars to Francis Hallam, Ltd., 22 High Street, Burton-on-Trent.

## SITUATIONS WANTED.

**1s.** for 12 words or less; **6d.** for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

## [HOME.] RETAIL.

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

**A YOUNG** man (28) would like change; first-class Dispenser or Counterman; good salary wanted. Apply, 201/19, Office of this Paper.



**ALL-ROUND** experienced in good-class Family; competent, industrious, abstainer; excellent references and testimonials; middle-aged; married; unqualified; near Cardiff preferred. "Rhei" (212/36), Office of this Paper.

**AN** experienced Dispenser (Hall qualification, lady) would give her services for a comfortable home with kind people. 206/37, Office of this Paper.

**AS** a Branch Manager or otherwise; qualified; used to control; long experience; good Salesman; Manchester district. 212/2, Office of this Paper.

**AS** Branch Manager or Senior Assistant; qualified; experienced; best references; free March. 197/28, Office of this Paper.

**ASSISTANT**; 24; unqualified; outdoors; 8 years' high-class experience; smart appearance; good Counterman and Dispenser; disengaged. "H. T. C.," 77 Marine Parade, Worthing.

**ASSISTANT** or Locum; 40; married; general all-round, Book-keeping, Dispensing, Windows, Photography; South, S.W., or W. of England; liberty end of February. Houghton, Hambleton, Dorchester.

**ASSISTANT**, Prelim., 22, tall, abstainer, Dispensing or Counter, desires post in Eastern Counties. Full particulars to "Ferrum," 92 Fentiman Road, London, S.W.

**ASSISTANT**; 29; unqualified; good experience and references; married; disengaged. Cook, Roundhills, Sutton-in-Ashfield.

**ASSISTANT**, unqualified, disengaged early in March, requires permanency; reasonable hours; Optical, Photography, Counter, Dispensing; 30; 5 ft. 9 in.; good Salesman; state salary, etc.; N.H.I. qualification; expert pricer. "Adeps," 28 Stratford Road, Thornton Heath, Surrey.

**ASSISTANT**, Retail, N.H.I. and Dental experience, desires post immediately; qualified Dispenser, Bind, 1 Brintons Road, Southampton.

**ASSISTANT**, unqualified, lately in charge of Chemist's business, would like to Manage small Drug Stores. "Alpha," c/o Y.M.C.A., 43 Parade, Leamington.

**ASSISTANT**; 28; qualified; experienced in good-class Dispensing and Retail; London preferred. 211/1, Office of this Paper.

**ASSISTANT**; good all-round reliable man; present berth nearly two years; unmarried; disengaged in March; London district; full, part-time, or Relief duty for few weeks entertained. "Chemicus" (211/27), Office of this Paper.

**ASSISTANT**; Dispensing, Retail, Photographic; highest possible references; no objection to long hours or brick work; London and provincial experience; all letters immediately answered; abstainer. Sibthorpe, 2 High Street, High Wycombe, Bucks.

**BIRMINGHAM**, In or Near.—Lady (Apothecaries' Hall) seeks post as Dispenser. Apply, Miss K—, 20 Strensham Road, Balsall Heath, Birmingham.

**BRANCH** Manager or Assistant; capable Salesman; London only; unqualified; single; abstainer; 42; 5 ft. 10 in.; all-round experience. "Hodie," 10 Alfearn Road, Clapton, London.

**BRISTOL**.—Pharmacist has two or three evenings weekly vacant for Dispensing. "Xylol" (212/38), Office of this Paper.

**CHEMIST**; Minor qualification; middle-aged; live at or near premises preferred; living expenses only; somewhat infirm; permanency. "Account" (213/9), Office of this Paper.

**CHEMIST**.—Englishman (33), married, with Continental training (Zurich), having occupied positions in laboratories and works on the Continent and in America, is desirous of a permanent position in England; five languages perfectly; also experience in literary work and translations. Box 3363, c/o Berry's, Gresham House, E.C.

**COMPETENT**, energetic Assistant or Branch Manager; middle-aged; Extractor and Prescriber. 152 Sheringham Avenue, Manor Park, Essex.

**DISPENSER**; 36; married; abstainer; unqualified; reliable; Doctors' and Hospitals experience; small shop experience; good references; ineligible for Army. "C.," 44 Guildford Street, Brighton.

**DISPENSER** (unqualified), Bookkeeper; educated lady (26) seeks situation in London; 9 a.m. to 5 p.m. 210/40, Office of this Paper.

**EVENINGS**, two or three; all-round experience; quick Dispenser. "Normanhurst," Heston Road, Hounslow.

**EVENINGS**.—Qualified Pharmacist has one or two evenings weekly; expert Dispenser; London. 211/33, Office of this Paper.

**EVENINGS**; North London, West End, City; or Physician's Dispenser; excellent credentials. 210/5, Office of this Paper.

**EXPERIENCED** Pharmacist has two or three days weekly at liberty; would take charge of any business or act as Relief, or take position as Director or Secretary in company; competent and trustworthy; salary moderate; North London or City. "Northern" (211/32), Office of this Paper.

**JUNIOR** (21) desires permanency in Derbyshire, Notts, or Sheffield; Dispensing, Photographic, N.H.I. 212/20, Office of this Paper.

**LADY** Assistant; knowledge N.H.I. Pricing, Dispensing. Apply, 19 Oumney Road, New Cross.

**LADY**, with some Dispensing experience, wishes post at once as Dispenser or Assistant Dispenser; no Counter work. 209/12, Office of this Paper.

**LADY** Dispenser, qualified, five years' experience, desires post. Grosvenor Sanatorium, Sandgate, Kent.

**LEEDS** or Liverpool; capable Assistant; 23; highest references; good salary required. "Beta," 14 Queen Street, Eastwood, Notts.

**LOCUM** or permanency; 38; qualified; disengaged. "Chemist," 54 Bell Street, N.W.

**MANAGER**, Senior; Major; 43; experienced; Dispenser, Counter, Prescriber; disengaged shortly; good references, outdoors. "T.," 103 Castle Boulevard, Nottingham.

**MANAGER**; 38; outdoors; London. "M.P.S.," 381 (Flat 3) Clapham Road, S.W.

**MANAGER**; qualified; excellent references; West-End experience. "Alpha," 86 Battersea Rise, S.W.

**MANAGER** or Locum; qualified; good all-round experience. absolutely reliable. "M.P.S.," 326 Uxbridge Road, W.

**MANAGER** or Senior; married; Prescriber, Extractor. "Qualified," 484 Main Street, Carlton, Nottingham.

**MANAGER** or Assistant; abstainer; thoroughly capable worker; quick Counterman; highest references; unqualified; Locum entertained. "R.," 39 St. Thomas Road, Finsbury Park, N.

**MANAGER**; qualified; all-round experience, including high class West-End Store trade, Photography. 214/30, Office of this Paper.

**MINOR** qualification; Hall experience; Dispenser, Supervisor, etc.; single; 42; some capital at command; permanent occupation or part-time. "State" (213/09), Office of this Paper.

**NOTTINGHAMSHIRE**.—Re-engagement; mornings and evenings preferred; or temporary Manager or Locum; good Prescriber. "Hydrargyrum" (213/2), Office of this Paper.

**PART-TIME** Relief Dispenser; mornings, all day Friday. "M.," 10 Argyle Square, W.C.

**PHARMACEUTICAL** Chemist desires Locum work; first-class experience. Botham, "Southdowns," Rogate, Petersfield.

**QUALIFIED**; Locum, permanency; 36; married; Counter, Dispensing; disengaged. Stewart, 3 Elborough Street, Southfields, S.W.

**QUALIFIED** Chemist seeks position as Manager or Senior, position of responsibility, in London, West End; advertiser, who has had first-class experience, could, if desired, invest capital. "Pharmacist," 35 Golder's Gardens, Golder's Green, N.W.

**QUALIFIED** (24) desires situation. Full particulars to Pomerantz, 36 Brick Lane, London.

**QUALIFIED** (awaiting military orders) requires daily Relief work in West Riding of Yorkshire. "Pharmacist," Elmwood, Dodworth Road, Barnsley.

**QUALIFIED** gentleman of undoubted ability and character, with extensive experience of every branch of the Drug trade, will shortly be open to engagement as Manager or Buyer; expert Specialist and Sight-tester; salary required £4 weekly. Communicate to 215/1, Office of this Paper.

**UNQUALIFIED** (24) seeks berth in Brighton. J. Dinnage, 9 Bridgen Street, Brighton.

**UNQUALIFIED** (25) desires situation; Sheffield or vicinity, high-class experience. State salary offered 212/26, Office of this Paper.



UNQUALIFIED Assistant; single; disengaged shortly; Dispensing, Counter; Extractor and N.H.I. "Bismuth" (211/17), Office of this Paper.

OUNG lady (Cambridge Senior) desires position as Pupil with Dispenser to qualify for Pharmaceutical Society; Liverpool, lasey district. Reply, 209/35, Office of this Paper.

## WHOLESALE.

REPRESENTATIVE of experience, with very large connection among all the best Wholesale and Retail Chemists, and Stores in the North of England and Scotland, is engaged; he has intimate knowledge of the requirements and liabilities of the Chemist's trade in all its branches. 210/38, Office of this Paper.

VERTISER, with expert knowledge of Rates, Routes, Charges, Classifications, and Correspondence, seeks situation as Patch Clerk; able to take charge; long experience in Parcels Office of prominent Railway Company. G. Liddell, Rotheringay, Pembroke Road, Wembley.

EXPERIENCED, tactful Representative, with Yorkshire connection, open for re-engagement first-class house; Toilet Requisites or Sundries; energetic; abstainer. Apply, 213/3, Office of this Paper.

MANAGING Clerk for the London house of Johann Maria Farina, Gegenüber dem Jülich-Platz, Cologne, requires suitable position in consequence of war; office organisation control on modern lines, up-to-date correspondence, accounting, London and country representation, advertising; young, and energetic; first-class education. W. F. Pleasance, 25 Tottenham Road, Clapham, S.W.

PERFUMER Chemist, Frenchman, long experience in Manufacture of all kinds of Perfumeries, disengaged on account of seeks situation in England; or would dispose of his book copies of Perfumes and Toilet Specialities, giving the necessary piping to manufacture; highest references. Address Monsieur ges, 156 Boulevard Magenta, Paris.

REPRESENTATIVE to call on Medical men and Chemists seeks position; 10 years' experience; 7 years last employers; resigned owing to war; ground covered, all towns north of Birmingham to Aberdeen, and Ireland; resides near Liverpool. A. S. (212/28), Office of this Paper.

AVELLER desires to Represent good enterprising house on part expenses and commission; good experience and knowledge of large buyers in North of England. Apply, "N," 39 Road, Leyton, London.

## Refugee Belgian Pharmacists.

This section is devoted to the announcements of Belgian pharmacists at present in this country. We shall be pleased to insert gratis announcements of a similar character from others who are seeking situations in the Drug trade.

Cette section est réservée pour les annonces des confrères pharmaciens qui se trouvent actuellement dans ce pays. Nous serons heureux d'insérer gratis des annonces semblables de ceux cherchant des places dans le commerce des drogues.

GIAN Pharmacy Student, second year, knowledge of elementary Chemistry, seeks berth in Wholesale house or manufacturing Chemical works; speaks French, English, and Dutch. E. Somers, 1 Brecon Terrace, Rotherfield, Sussex.

GIAN refugee, with 12 years' experience in the Pharmacie Belge at Brussels, desires employment with a Wholesale list or Manufacturer of Pharmaceutical specialities, or Re-Pharmacist. Write to "M. Bernheim," Office of this Paper.

ADA.—Situation offered to competent and trustworthy Belgian Pharmacist speaking English and French; would be for transport charges. Write to United Drug Co., 101 Hall Street, Liverpool.

UGEE, ineligible for Military service, would like a situation as Warehouseman or servant; good references. Write to Mr. Marnef, 5 Bristow Road, Hounslow.

NG Belgian Student (19), with some knowledge of chemistry, desires situation at nominal remuneration where he could live with fellow-refugee, preferably in London. W. Vanhals, c/o W. Fenteman Coates, 16 Chapel Lane, Headingley.

NG Chemical Engineer, ineligible for Belgian Army, desires situation; Specialities, Industrial, Agricultural, and Allied products; speaks French and Italian. Write, Albert Ray, 57 Carleton Road, London, N.

## MISCELLANEOUS.

MOADAM & TUCKNISS, Sharedealers, Bank Chambers, Blackheath, S.E. Established 1898. Telephone 81 Lee Green. Shares for Sale (free of commission, subject).—500 Bovril Deferred, 7s. 7½d. c.d.; 155 Day & Martin, 2s. 6d.; 50 Ilford Ordinary, 10s. 7½d.; 300 Veno, 18s.; 100 Mazawattee Ordinary, 2s. 6d.; 72 A. J. White, 7s. 1½d.; 260 Lever "C" 6 per cent. Preference, 22s. 6d.; 200 Pears' Ordinary, 43s. 9d.; 250 Borax Deferred, 31s. 3d.

Wanted (subject).—30 Benger's Ordinary, 36s. s.d.; 15 Preference, 112s. 6d.; 200 Vi Cocoa Preference, 2s. 10½d.

Every effort made to effect business for Buyers and Sellers in all Stocks and Shares. Bankers, London County and Westminster.

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BUSINESS as Usual: Great War Reductions.—H. Mills, the Chemists' Shopfitter, has a large stock of second-hand modern high-class Drug Fittings, Dispensing Screens, Counter Cases, Glass-fronted Counters, Wall Cases, etc.; absolute bargains; suitable for large Stores or Chemists commencing; cheapest house for modern Shop-fronts, Improvements, Window Enclosures, Glass Shelves; designs, estimates free. MILLS, Shop Front, Shop Fitting, Glass Paper Works, 163-5 Old Street, London, E.C. Phone 550 London Wall.

BEST cash price paid for all old Cameras, any make, also all old Photo goods, no matter how damaged; any kind you may have send them along; cash will be sent same day; no waiting; we buy all and return nothing. S.E. Hackett, 23 July Road, Liverpool, E.

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B.P., 1914, 10s. 6d. net cash; postage 5d., two copies 6d., three 7d.; abroad 9d. each; previous offers withdrawn. New and second-hand Books in every department of literature; Chemists' and Students' requirements a speciality; buyers, please name wants, when prices will be quoted. Stirling's Aids to Minor and Apothecaries' Examinations are indispensable, and save College fees; descriptive list free. Gower, Pharmaceutical Bookseller, 41 Voltaire Road, Clapham, London.

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## FOR DISPOSAL.

### DRUGS AND CHEMICALS.

FOR sale, 4 oz. santonin, in splendid condition, 11s. per oz. Cook, Chemist, Warminster.  
24 LB. pulv. acid. salicylic. B.P.; what offers? W. Colley, Chemist, 151 Sherlock Street, Birmingham.  
4 OZ. morphia hydrochlor., 14s. oz.; 4 oz. cocain. hydrochlor., 8s. 6d. oz.; 1,000 tab. aceto-sal., 6s. 1,000. Finlayson, Pharmacist, Stockton-on-Tees.  
CAUSTIC soda (by alcohol) 6 lb., caustic soda (ordinary) 8 lb., caustic potash (ordinary) 12 lb., pyrogallie acid (German), 23 oz.; what offers? Bath Drug Co., Bath.

### SHOP FITTINGS.

RECEIPT-GIVING check till (Gledhill's); scales, class B; both almost new. Medical Hall, 392 Hesse Road, Hull.

### MISCELLANEOUS.

OFFERS wanted for 5 c.cm. and 10 c.cm. "Record" serum syringes, new. 212/31, Office of this Paper.  
DARTON-SWIFT microscope, complete with cabinet, 50s.; 1 12-in. Leitz oil-immersion lens and eyepiece, £3; Sartorius incubator, 50s., or near offer; Manchester steriliser, £1. Bell, 78 Princes Road, Middlesbrough.

## WANTED.

SECOND-HAND water-bed; approval. Williams, St. Philip's, Sheffield.  
ACID magenta and tartrazine; large or small lots. Offers to 207/37, Office of this Paper.  
WANTED, 1-lb. original bottles Schering's levulose; any reasonable price paid. Colby, 101 Western Road, Brighton.  
WANTED, litmus gran. opt., Anusol suppositories, Sajodin tablets. State quantity and lowest price to 212/18, Office of this Paper.  
WANTED, a number of second-hand modern surgical instruments. Particulars to "R," c/o "The Pentlands," Walden Road, Hornchurch, Essex.  
SECOND-HAND tincture filter press, 2 to 3 gallon capacity; also pressure percolator, same capacity. Kaputine, Ltd., Lilley Street, Queen's Road, Manchester.  
OPTICAL books; Minor, Major, Chemists' books; send prepaid for valuation; cash offers per return. Gower, Bookseller, 41 Voltaire Road, Clapham, London, S.W.  
SURPLUS Stock.—Drugs, chemicals, proprietary packed goods, sundries. State quantities and lowest quotation, carriage paid, for cash prompt, Finch, 39 Upper Conduit Street, Leicester.

### ADDRESSES WANTED.

MR. HAYLAND-WILSON.—Would any chemist oblige with present address? Evans, Chemist, Margate.

## Winter Session of Meetings of Trade Associations.

(See also "Insurance Act Dispensing.")

**Bradford.**—Mr. R. T. Silson presided at a meeting of the local Pharmacists' Association on Thursday, January 23. He referred to the Belgian Doctors' and Pharmacists' Relief Fund, after which Mr. F. Pilkington Sargeant (Leeds) gave an address on *Current Topics*, in the course of which he spoke of the new British Pharmacopœia, the report of the Select Committee on Patent Medicines, the return of the chemical and drug markets to normal conditions, and the work of the Pharmaceutical Society of Great Britain. In the course of the discussion which followed it was agreed that the Association's Committee should consider the matter of the sale of tincture of opium, and that the introduction of the 1914 Pharmacopœia should be discussed with the local doctors as early as possible, it being stated that the medical men had deferred the subject until the question of Insurance dispensing surcharges had been settled.

**Buckrose.**—The annual meeting of the Buckrose Pharmacists' District Association was held on January 26. The Secretary reported that the Pharmaceutical Committee had been unable to prevent the insertion of the stock-mixture clause in the 1915 Tariff, but that aq. dest. had been again allowed after representations to the Insurance Committee and the Commissioners as to the unsuitability of the local water. The balance-sheet showed a balance on the year's working, and it was decided to hand over this to the Belgian Pharmacists' Fund, together with any donations from the members. Mr. J. W. Wilcock (Bridlington) was elected President for 1915.

**Cardiff.**—Mr. W. R. Williams presided at the meeting of the Pharmacists' Association on Tuesday evening, January 26. Mr. Lee Jones was nominated as Vice-President of the local Chamber of Trade, and Mr. S. B. Eason and Mr. A. S. W. Johnson as delegates. The annual report was submitted, also report by the Pharmaceutical Committee. Both were adopted, and thanks accorded to Messrs. Hagon and Eason for their hard work on the Committee. Mr. Williams said his term of office had now expired, and thanked members for the kindness and support during the year. He welcomed Mr. Eason to the chair, and the new President, having taken the seat vacated by Mr. Williams, thanked the members, and delivered an address on the Insurance Act. Votes of thanks to him, to Mr. Williams, and to Mr. Lea concluded the proceedings.—The Association gave a whist-party at Woolworth's Café, Queen Street, on Wednesday, January 27, in aid of the Belgian Medico-Pharmaceutical Relief Fund, when 156 chemists and friends spent a very enjoyable evening. Twelve presents were given by Messrs. S. B. Eason, Leo Joseph, A. Hagon, J. A. Jones, J. Parvess, Alec. S. Johnson, W. R. Williams, E. Poole, Owen Jenkins, Fred Lea, D. Brims, and Dan Thomas. Messrs. J. D. Jenkins, C. Fargher, W. H. Thomas, H. F. Davies, and J. Blake Benjamin between them gave an eiderdown quilt as a prize. At the end of the first half Mr. Hagon explained the objects of the party. Mrs. Eason, Mrs. G. T. Williams, Mrs. Mogg, and Mrs. Murray had disposed of tickets for the quilt to the amount of 10l. 9s., and as a result of the gathering 25l. will be added to the Belgian Fund. The prizes were presented to the winners by Mrs. Eason.

**Cheltenham.**—Mr. Frank T. Palmer presided at the eleventh annual meeting of the District Pharmacists' Association at the Plough Hotel on January 23. The Treasurer's report showed a balance in hand of 13l. 5s. 2d. The Secretary, in his report, referred to the death of Mr. J. A. Thomas, the first Secretary and a Past-President. The



Mr. S. B. Eason was apprenticed in 1893 to Mr. Frank Jones, Ph.C., Liverpool; and had experience also in Birkenhead, Manchester, Crewe, Salisbury, London, and Bristol. He passed the Minor in 1905, and in 1907 purchased the business of the late H. Little, Cardiff. He has served the Cardiff Association as a member of Committee, Secretary, and Vice-President before reaching the presidential chair.



lent, in responding to a hearty vote of thanks, expressed appreciation of the ever-ready help and loyal support of him by the officers and members. Mr. J. S. Coley was unanimously elected *President*, much regret expressed that he was too indisposed to attend the meeting. The other officers elected were: *Vice-Presidents*, Mr. W. H. Hill, W. H. Hampton, and H. Burton Clark; *Treasurer and Secretary*, Mr. Clarence James, succeeded by T. T. Dolman, who, responding to a cordial vote of thanks, regretted that he found it quite impossible to give the office as well as that of Secretary of the County Pharmaceutical Committee. Messrs. Frank T. Palmer, Stroud, and William Palmer were elected members of the *Committee*. Mr. W. H. Hill proposed that the members of the County Pharmaceutical Committee be met in Association. As the whole of the floating sixpence then absorbed by the chemists' accounts, it was useless, he claimed, to apply to the Insurance Committee, although it was a charge. This was carried *nem. con.* To meet rising expenses it was decided to raise the subscriptions and; a proposal to differentiate the amount for panel members was generously defeated by the non-panel members, who would have benefited thereby. Mr. Lee Hall spoke of the Insurance "mile-limit" regulation, and in view of the importance of the subject discussion on it was continued. The name of the Association was changed to the Leinster Pharmacists' Association, and a busy session ended with a vote of 21. 2s. to the Benevolent Fund.

**Dental Society of Ireland.**—The annual meeting of the Dental Society of Ireland was held in the rooms of the Chemists' and Druggists' Society of Ireland, Waring Street, Dublin, on January 27. The President (Mr. Wm. Corbett) presided. Among those present were Messrs. S. Saffern, J. F. T. Smith (Chairman Antrim Urban Council), Robb, M.P.S.I., F. J. Boyle, J. A. McRoberts, W. P. A. L.P.S.I., T. Michell, L.P.S.I., Jos. Moffett, and Carse (Hon. Secretary). Mr. Carse submitted the report, reviewing the year's work, and emphasised the importance of all dental chemists joining the Society. The Treasurer's statement showed that, after paying all the rental and other expenses of the year, there was a small balance in hand. On the motion of Mr. T. A. Saffern, seconded by Mr. F. T. Smith, the reports were read. Mr. S. Saffern then moved the re-election of Mr. J. F. T. Smith as *President*. This was seconded by Mr. J. D. and unanimously agreed to. The other officers were elected: *Vice-Presidents*, Mr. F. T. Smith (Antrim) and Mr. T. A. Robb, L.P.S.I. (Lisburn Road, Belfast); *Hon. Secretaries*, Mr. J. D. Carse (233 Woodstock Road, Belfast) and Mr. D. S. Bennett, M.P.S.I. (Caheracree, Kerry); *Treasurer*, Mr. Jos. Moffett (Donegall Road, Belfast). It was agreed that the *Committee* be composed as follows: Messrs. Thos. J. Kerr (Divis Street, Dublin), Samuel Hill (York Street, Belfast), J. A. Saffern (Ormeau Road, Belfast), F. J. Boyle (Broadway, Dublin), J. Orr, L.P.S.I. (Manorhamilton, co. Leitrim), H. J. Boyle (Manor Street, Belfast), A. Cornett (Ainsworth Road, Belfast), W. Hanna, M.P.S.I. (Bangor), H. Hamilton & Co., Ltd., Ph.C., Swinford, co. Mayo), J. Saffern (Shankill Road, Belfast), T. Michell, L.P.S.I. (Woodvale Road, Belfast), W. P. Doohan, L.P.S.I. (J. Gillespie (Woodvale Road, Belfast), D. Gray, L.P.S.I. (Dunmanway, co. Cork), H. Corbett Mayrick, L.P.S.I. (C.D.A.H. (Bushmills, co. Antrim), J. Copithorne, L.P.S.I. (Skielbreen, co. Cork), T. Unsworth (Ballynahinch, co. Antrim), and Jos. Holton (Nenagh, co. Tipperary).

**Insurance.**—A meeting of the Leinster Pharmacists' Association was held on January 28, when the President (Mr. Strickland) occupied the chair. The resignation of the Secretary (Mr. G. W. Udale) was considered, and finally and gratefully accepted. A resolution of thanks was recorded the high appreciation of his services during the time he has held the office. After some discussion it was decided to strengthen the Council, and Messrs. Drayton, Arncliffe, Boreham, Harrison, Ironmonger, and agreed to join. Mr. Skinner undertook to look after the financial duties until the end of the present session. The President called upon Mr. Hugo Wolff to address the members on *National Health Insurance*. Mr. Wolff said that dispensing for insured persons is not an end, but a beginning of the task that lies before pharmacy. Mr. Skinner followed, and dealt with the duties of the chemist and the proposed Insurance Pharmacopœia. The President and Messrs. Drayton, Ironmonger, Arncliffe, and Middleton, and Senior continued the discussion, as quite animated.

**Dispensing.**—At the meeting of the Pharmacists' Association, Mr. G. A. Harmer presiding, it was reported that medical practitioners and pharmacists have decided that prescriptions should be dispensed according to the

1908 B.P. until March 31, unless the physician writes "B.P. 1914" on the top of the prescription or against any particular ingredient. The Secretary was instructed to write to two firms as to licences. There is the possibility of another contest before the Brewster Session. Several members have not yet been paid their Sanatorium Benefit accounts for 1913.

**Liverpool.**—Mr. H. Humphreys Jones, F.C.S., presided at the annual meeting of the Liverpool Chemists' Association held at the Royal Institution on Wednesday, January 27. The Hon. Secretary (Mr. J. H. Robinson) attended for the first time after his recent severe illness. Mr. J. S. Wokes called attention to a prescription of a Liverpool specialist containing resin copalba which he had dispensed on several occasions. His method of procedure was carefully to powder the resin, which is a tedious process, and emulsify in the ordinary way with acacia. Mr. Harold Wyatt suggested that the resin should be rubbed with an equal weight of sugar to prevent it sticking to the mortar; then emulsify *sec. artem.* The Secretary then read the *Annual Report*, which showed that the Association had been extremely active during the past year. Never had the Association such a successful function as the complimentary dinner to Mr. Edmund White in March, and never a picnic on such a large scale as the one to Ribbles Valley in June. Mr. W. Wellings (Hon. Treasurer) read his *Financial Statement*, which showed a balance in the bank of over 41. The President announced a donation to the Museum of most of the crude drugs which had found a place in the new Pharmacopœia. For the six *Vacant Seats on the Council* there were sixteen candidates, and the following were elected: Messrs. A. W. Ashcroft, W. H. Clubb, G. Inman, T. E. Lloyd, L. Moreton Parry, and Dr. Symes. Mr. W. H. Saunders proposed that Mr. John H. Robinson should be re-elected *Hon. Secretary* for another year. He mentioned the enormous amount of work which Mr. Robinson had done for the Association during the last two years, and said it could ill afford to lose his services. Mr. Saunders said how very pleased all were that Mr. Robinson had sufficiently recovered from his serious illness to be able to be present with them at the annual meeting. It was the earnest wish of all that health and strength be restored to him, so that he would be able to serve the craft in the future as he had done in the past. Mr. W. P. Evans heartily seconded the proposition. Apart from the fact that Mr. Robinson was, he said, the right man in the right position, it was highly inadvisable at such a serious crisis in our history to change horses while crossing the stream. Mr. Evans added that Mr. Robinson had the courage of his convictions, and any man who attended the annual meetings of the Pharmaceutical Society and offered criticism in such a fair manner as he did was to be admired and respected. It was a case of attacking the lion in his den. The motion was carried with acclamation. Mr. G. V. C. Last was elected *Vice-President*, and Mr. W. Wellings was re-elected *Treasurer*. Messrs. Burroughs, jun., "Bertie" Evans, A. J. Ferriday, Frank Wokes, and Nicholson were elected *Members of the Association*. Before this was done Mr. W. P. Evans asked if there was anything in the rules to bar the election of those who are not chemists and druggists. The President answered in the negative, adding that during recent years only qualified chemists had been added to the roll. As the local Association became a recognised federated unit of the Pharmaceutical Society, the question arose whether all the members of the Association should be pharmacists. In consequence of a letter received from headquarters bearing upon the subject, the Hon. Secretary had written to Mr. Uglow Woolcock about the matter, and he replied stating that the federation scheme adopted did not contemplate any interference in local matters, and certainly did not involve any such drastic treatment as the expulsion of members from the Association. He (the President) suggested, as they were not fully prepared to discuss the matter that night, that a committee be formed or a special meeting be called to consider the position. Mr. Evans said the reason why he had asked the question was that a son of a member, a chemist and druggist, was asked to join, had paid his subscription, and the subscription had been returned to him because he was not a qualified chemist. He maintained that that gentleman had a right to membership if he wished, and, if refused, he (Mr. Evans) had good authority for stating that legal proceedings could be taken. He held that those engaged as wholesale druggists were entirely in a different position from those who were unqualified and carrying on business in the form of drug-stores in open competition with pharmacists. Proceeding, Mr. Evans said that he should be very sorry indeed if any such rule was passed. He had been a member of the Liverpool Chemists' Association for over thirty years, and his father before him for a much longer period, and his son, Mr. "Bertie" Evans,



was anxious to become a member. In this respect the Liverpool Association was unique in that there was continuity in its history—father followed by the son, and he in turn followed by his son. There were several reasons why there should be co-operation between the retail and wholesale sections. Their interests were identical. The present difficulties over Insurance matters made it imperative that they should be united. The present crisis—the war—emphasised the same thing. They did not know one day after another where they were with regard to prices, etc., so uncertain were affairs in the drug-market—hence the importance of the two sections of the craft being in full sympathy with one another. Another instance is the recent appearance at such an inopportune moment of the 1914 B.P. Mr. Harold Wyatt deprecated taking any steps to refuse to elect or to remove from the roll of membership those engaged in the wholesale section. What he should suggest would be to make a rule that out of a total membership not less than 80 or 85 per cent. should be qualified chemists according to law. He characterised as ridiculous the idea of losing such valuable members of the Association as Messrs. G. H. Burroughs, W. P. Evans, and W. H. Saunders. Mr. G. V. C. Last spoke in a similar strain. Mr. John H. Robinson, in a speech full of enthusiasm and humour, spoke of his endeavours during the last two years in bringing together the retailer and wholesaler (who were mutually dependent upon one another), believing that both were essential to the welfare of the craft and to the success of the Association. He had been successful in bringing to the meeting Mr. W. P. Evans and Mr. Saunders. He felt that was the only way to get a thorough understanding—face each other and tell each other straight what was in their minds.

**London.**—The fourth monthly meeting of the Chemists' Assistants' Association was held at 17 Bloomsbury Square, W.C., on January 23. It was a small social gathering, and was much enjoyed.

**London (S.W.).**—At a recent meeting of the local Pharmacists' Association, held at Clapham, it was agreed to join with the S.E. London Association in a letter to panel doctors, with a view to securing better control of prescribing. Mr. John Keall (President) reported on the work of the Pharmaceutical Committee, and the Secretary on the early-closing and dispensing rota referendum, this matter being referred to the Council. A discussion on the new B.P. followed, and it was agreed to dispense prescriptions according to that work, unless the dose ordered indicates that the 1893 preparation is intended. The local doctors are to be informed of this.

**Southend-on-Sea.**—Mr. S. F. Body, the new President of the Southend Association of Pharmacists, took the chair at the meeting held at the Welcome Club on January 26. It was decided to accept the offer of the use of Mr. Jerome's Chambers, Broadway, for meetings, and Mr. Jerome was appointed Hon. Solicitor to the Association. Mr. J. H. Heywood contributed an interesting and informative paper on the *New B.P.*, which was followed by a good discussion. The President then presented Mr. C. Goode with a handsome table-centre in recognition of his work for the Association since its foundation. Mr. Goode made a characteristic acknowledgment. Mr. Bush, who is leaving the town to take up a wholesale appointment, was then presented with a case of pipes as a small token of the esteem in which he is held by his fellow-members.

## Personalities.

Authenticated notes are inserted without charge if not in the nature of advertisement, and subject to Editorial approval.

Mr. J. J. BOOTH, manufacturing and wholesale druggist, New Street, Idle, Bradford, has been elected a member of the Council of the Bradford Chamber of Trade.

COUNCILLOR L. J. MEYLER, chemist and druggist, Milford Haven, has been installed as Worshipful Master of St. David's Lodge of Freemasons, No. 366, Milford Haven.

MR. C. H. WATERHOUSE (of J. Waterhouse & Co., Ltd., Church Street, Ashton-under-Lyne) has been appointed Treasurer of the Fidelity Lodge of Freemasons, of which he is a P.M.

MR. HAROLD OSBORN is manager of the Ealing works of the Western Dental Manufacturing Co. (1914), Ltd., and not managing director, as stated last week (*C. & D.*, January 30, p. 178).

MR. HERBERT SAUNDERS, representative of Edward Cook & Co., Ltd., soap and disinfectant specialists, Bow, London, E., is going into a nursing-home next week to undergo an operation.

MR. C. H. RUSSELL has tendered to the Guardian his resignation as dispenser at the Kensington Workhouse and Infirmary, and for the out-door poor in the southern portion of the parish.

MR. RICHARD CRANFIELD WREN, of Potter & Clarke, Ltd., has been elected a Fellow of the Linnean Society, and was admitted to the Fellowship at the last meeting by the President, Professor E. B. Poulton, F.R.S.

MISS EMMIE PENNINGTON UTLEY, daughter of Mr. J. R. S. Utley, chemist and druggist, 66 College Road, Macclesfield, Rotherham, has passed the Cambridge Junior Local examination held in December 1914, at Moxborough. Mr. E. P. Utley was educated at the Borough Collegiate School, Rotherham.

MR. W. E. BLACKALLER, who for twenty-five years has travelled for J. & R. McCracken (Johann Maria Farina, Gegenüber dem Jülichs Platz, Eau de Cologne), has been appointed a representative of the Crown Perfumery Co., Homerton, London, N.E. The ground which Mr. Blackaller will cover will be the North of England and Scotland.

## Coming Events.

This section of the "*C. & D.*" is reserved for advance notices of meetings or other events. These should be sent to the Editor by Wednesday of the week before the meetings, etc., occur.

### Tuesday, February 9.

*Pharmaceutical Society of Great Britain*, 17 Bloomsbury Square, London, W.C., at 8 p.m. Evening meeting. Professor H. Llewellyn Smith, B.Sc., F.I.C., on "Acetylsalicylic acid." Professor H. G. Greenish, F.I.C., and Mr. A. E. Beasley, Ph.C., on "Discoloration of Sodium Salicylate in Solution by Alkalies."

### Wednesday, February 10.

*Association of Women Pharmacists*, Dr. Williams's Library, Gordon Square, London, W.C., at 7.30 p.m. Discussion on "The New Pharmacopoeia," opened by Miss Buchanan, Ph.C.  
*Birmingham Pharmaceutical Association*, Grand Hotel, at 9 p.m. Discussion on the new British Pharmacopoeia following introductory papers dealing with the subject from scientific and commercial standpoints.

*Edinburgh Chemists', Assistants', and Apprentices' Association*, 36 York Place, at 8.30 p.m. Discussion on "The New Pharmacopoeia," opened by Mr. H. Stout, Ph.C., and Mr. D. Murray.

*Liverpool Chemists' Association*, Royal Institution, Colonnade Street, at 8 p.m. Mr. H. Humphreys Jones, "Some Notes on the New Pharmacopoeia."

*Newcastle-upon-Tyne Pharmacists' Association*, Temperance Institute, 6 Rutherford Street, at 8 p.m. Lantern-lecture by Mr. Turnbull on "The Wellcome Materia-medica Farm."

*Sheffield Pharmaceutical and Chemical Society*, Literary and Philosophical Society's Room, at 9 p.m. Mr. J. F. Sims, Ph.C., lantern-lecture on "Coal and Coal-tar and the Relations to the Pharmacists."

*Western Pharmacists' Association*, Frascati's Restaurant, Oxford Street, London, W., at 8.30 p.m. Dr. Manwood Walford, "Minor Ailments of Children."

### Thursday, February 11.

*West Ham Association of Pharmacists*, London Tavern, Foreham Street, London, E.C., at 6.30 p.m. Annual dinner. Tickets (5s. each) from Mr. A. H. Cleland, 180 High Road, Leytonstone, N.E. Profits are to be given to the Belgian Doctors and Pharmacists' Relief Fund.

### Friday February 12.

*Royal Institution of Great Britain*, Albemarle Street, Piccadilly, London, W., at 9 p.m. Dr. W. S. Bruce, F.R.S.E., on "Recent Advances in Oceanography."

PETERBOROUGH CHEMISTS' ASSOCIATION.—The annual dinner will be held at the Angel Hotel on February 25 at 5 p.m., following the annual meeting of the Association. Tickets (5s. each) from Mr. H. E. Noble, Hon. Secretary, Long Causeway.

SOUTH-WEST LONDON PHARMACISTS' ASSOCIATION.—A whist drive in aid of the Belgian Doctors' and Pharmacists' Relief Fund will be held on February 24 at the Clapham Hall, Clapham. Tickets (2s. 6d. each) from Mr. E. A. Atkins, Hon. Secretary, 71 Elm Hill, Wandsworth, S.W.

RUSSIAN CHEMICALS.—A report from Nisjni Novgorod states that chemicals of foreign origin are very scarce. The prices of sodium salts on that market are: Caustic soda 2.50 to 3 roubles per pood, calcined soda 1.40 to 1.80 roubles and sodium bicarbonate 2.20 to 2.80 roubles per pood.

A KING'S BENCH DIVISIONAL COURT, composed of Justice Lawrence and Sankey, on Thursday allowed an appeal by Paul Metz, Newhall Street, Birmingham, against a decision of Judge Amphlett at the Birmingham County Court, staying all proceedings on the ground that the plaintiff was an alien enemy and could not maintain an action against Charles L. Moores, chemist and sundries merchant, Bromsgrove Street, Birmingham.



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